



STIC Search Report

EIC 3700

STIC Database Tracking Number: 138585

TO: Kurt Fernstrom
Location: RND 6a19
Art Unit: 3714

Case Serial Number: 10/003561

From: Jeanne Horrigan
Location: RND 8A34
Phone: 571-272-3529

jeanne.horrigan@uspto.gov

Search Notes

Attached are the search results for the method of manufacturing an erasable board.

I tagged the items that seemed most relevant to me. Because I did not understand the abstracts in many cases, I suggest that you review ALL of the results.

Also attached is a search feedback form. Completion of the form is voluntary. Your completing this form would help us improve our search services.

I hope the attached information is useful. Please feel free to contact me if you have any questions or need additional searching on this application.

A handwritten signature in black ink, appearing to read "JH".

Solomon, Terrance

From: Unknown@Unknown.com
Sent: Tuesday, November 23, 2004 1:19 PM
To: STIC-EIC3700
Subject: Generic form response

ResponseHeader=Commercial Database Search Request

AccessDB#= 138585

LogNumber= _____

Searcher= _____

SearcherPhone= _____

SearcherBranch= _____

MyDate=Tue Nov 23 13:18:30 EST 2004

submitto=STIC-EIC3700@uspto.gov

Name=Kurt Fernstrom

Empno=75063

Phone=571-272-4422

Artunit=3714

Office=RND 6A19

Serialnum=10/003,561

PatClass=434/408

Earliest=10/24/01

Format¹=paper

Searchtopic=See claim 1 and Figures 6 and 7. Basically, it is a semi-rigid folder with two bent ends that can be used as a dry erase board.

Comments=

send=SEND

focus method claims

NOV 23 2004

9, 14 ^{permanent}
(folding characteristics)



STIC Search Results Feedback Form

EIC 3700

Questions about the scope or the results of the search? Contact **the EIC searcher or contact:**

**John Sims, EIC 3700 Team Leader
308-4836, CP2-2C08**

Voluntary Results Feedback Form

- *I am an examiner in Workgroup:* *Example: 3730*
- *Relevant prior art found, search results used as follows:*
- 102 rejection
 - 103 rejection
 - Cited as being of interest.
 - Helped examiner better understand the invention.
 - Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- Foreign Patent(s)
- Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art not found:*

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC3700 CP2 2C08



Serial 10/003561

November 30, 2004

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200475

File 348:EUROPEAN PATENTS 1978-2004/Nov W02

File 349:PCT FULLTEXT 1979-2002/UB=20041125,UT=20041118

Set Items Description

S1 8 AU='DONELAN J' OR AU='DONELAN J P' OR AU='DONELAN JAMES P'

1/7/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015360029 **Image available**

WPI Acc No: 2003-420967/200339

Dry erase board, has body with dry erase characteristics provided with bent end capable of removably securing a sheet of paper to the body

Patent Assignee: GO GRAPHIC INC (GOGR-N); DONELAN J P (DONE-I)

Inventor: DONELAN J P

Number of Countries: 101 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|------|-------------|------|------|------|
|-----------|------|------|-------------|------|------|------|

| | | | | | | |
|----------------|----|----------|-------------|---|----------|----------|
| US 20030077562 | A1 | 20030424 | US 20013561 | A | 20011024 | 200339 B |
|----------------|----|----------|-------------|---|----------|----------|

| | | | | | | |
|--------------|----|----------|----------------|---|----------|--------|
| WO 200335410 | A1 | 20030501 | WO 2002US34057 | A | 20021024 | 200339 |
|--------------|----|----------|----------------|---|----------|--------|

| | | | | | | |
|---------------|----|----------|---------------|---|----------|--------|
| AU 2002337978 | A1 | 20030506 | AU 2002337978 | A | 20021024 | 200460 |
|---------------|----|----------|---------------|---|----------|--------|

Priority Applications (No Type Date): US 20013561 A 20011024

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030077562 A1 8 B43L-001/00

WO 200335410 A1 E

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

AU 2002337978 A1 B43L-001/00 Based on patent WO 200335410

Abstract (Basic): US 20030077562 A1

NOVELTY - A body (4), with dry erase characteristics, has a bent end (8) capable of removably securing a sheet of paper to the body.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method in manufacturing the dry erase board.

USE - Dry erase board.

ADVANTAGE - Eliminates need for a substrate and enables more convenient use of multiple alternate indicia. Easy and cost-effective to manufacture.

DESCRIPTION OF DRAWING(S) - The figure shows the perspective view of the dry erase board.

Body (4)

Bent end (8)

pp; 8 DwgNo 1/10

Derwent Class: P77

International Patent Class (Main): B43L-001/00

1/7/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013249831 **Image available**

WPI Acc No: 2000-421714/200036

Serial 10/003561

November 30, 2004

Dry erasable board kit for wet erasable markers, has dry erase board with indicia, which is arranged below clear film layer

Patent Assignee: DONELAN J P (DONE-I); GO GRAPHIC INC (GOGR-N)

Inventor: DONELAN J P

Number of Countries: 090 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| US 6067266 | A | 20000523 | US 98190701 | A | 19981112 | 200036 B |
| WO 200164437 | A1 | 20010907 | WO 2000US4961 | A | 20000228 | 200158 N |
| AU 200033813 | A | 20010912 | AU 200033813 | A | 20000228 | 200204 N |
| | | | WO 2000US4961 | A | 20000228 | |
| MX 2002008367 | A1 | 20030201 | WO 2000US4961 | A | 20000228 | 200413 N |
| | | | MX 20028367 | A | 20020827 | |

Priority Applications (No Type Date): US 98190701 A 19981112; WO 2000US4961 A 20000228; AU 200033813 A 20000228; MX 20028367 A 20020827

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | | |
|------------|---|---|-------------|--|
| US 6067266 | A | 5 | G11C-007/00 | |
|------------|---|---|-------------|--|

| | | | | |
|--------------|------|--|-------------|--|
| WO 200164437 | A1 E | | B32B-027/14 | |
|--------------|------|--|-------------|--|

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

| | | | |
|--------------|---|-------------|------------------------------|
| AU 200033813 | A | B32B-027/14 | Based on patent WO 200164437 |
|--------------|---|-------------|------------------------------|

| | | | |
|---------------|----|-------------|------------------------------|
| MX 2002008367 | A1 | B32B-027/14 | Based on patent WO 200164437 |
|---------------|----|-------------|------------------------------|

Abstract (Basic): US 6067266 A

NOVELTY - A backing layer (11) is arranged below a clear film layer (12) with their edges connected to each other. A dry erase board (10) with indicia is configured below the clear film layer.

DETAILED DESCRIPTION - The edge of the clear film layer is glued, laminated or heat bonded to the edge of the backing layer. The indicia is disposed on a middle sheet (16) which is sandwiched between the layers (10, 11).

An INDEPENDENT CLAIM is also included for the production of the dry erase board.

USE - For wet erasable markers.

ADVANTAGE - Design, graphics or indicia can be easily printed on the middle sheet by hand or by computer. The designs, graphics or indicia can be easily changed, modified or exchanged.

DESCRIPTION OF DRAWING(S) - The figure shows a plan view, a perspective view and a partial sectional view of the dry erase board.

Dry erase board (10)

Backing layer (11)

Clear film layer (12)

Middle sheet (16)

pp: 5 DwgNo 1,2,4/7

Derwent Class: P73; P85

International Patent Class (Main): B32B-027/14; G11C-007/00

International Patent Class (Additional): G09F-015/00

File 16:Gale Group PROMT(R) 1990-2004/Nov 29
File 148:Gale Group Trade & Industry DB 1976-2004/Nov 29
File 47:Gale Group Magazine DB(TM) 1959-2004/Nov 29
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Nov 29
File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 29
File 635:Business Dateline(R) 1985-2004/Nov 26
Set Items Description
S1 11 (JAMES OR JIM OR JIMMY) (1W)DONELAN
S2 9 RD (unique items) [not relevant]

File 8:Ei Compendex(R) 1970-2004/Nov W2
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Oct
File 34:SciSearch(R) Cited Ref Sci 1990-2004/Nov W3
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
Set Items Description
S1 93 AU='DONELAN J'
S2 12758 ERAS?
S3 0 S1 AND S2
S4 92449 BOARD? ?
S5 2 S1 AND S4

5/7/1 (Item 1 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.
09338099 Genuine Article#: 394VD Number of References: 0
Title: New graphics boards for spring
Author(s): Donelan J
Journal: COMPUTER GRAPHICS WORLD, 2000, V23, N5 (MAY), P8-9
ISSN: 0271-4159 Publication date: 20000500
Publisher: PENNWELL PUBL CO, 98 SPIT BROOK RD, NASHUA, NH 03062-2801 USA
Language: English Document Type: EDITORIAL MATERIAL

5/7/2 (Item 2 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.
07303800 Genuine Article#: 147YP Number of References: 0
Title: This board speaks volumes
Author(s): Donelan J
Journal: COMPUTER GRAPHICS WORLD, 1998, V21, N12 (DEC), P17-17
ISSN: 0271-4159 Publication date: 19981200
Publisher: PENNWELL PUBL CO, 5TH FLOOR TEN TARA BOULEVARD, NASHUA, NH
03062-2801
Language: English Document Type: EDITORIAL MATERIAL

Serial 10/003561

November 30, 2004

File 8: Ei Compendex(R) 1970-2004/Nov W3
File 34: SciSearch(R) Cited Ref Sci 1990-2004/Nov W3
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
File 65: Inside Conferences 1993-2004/Nov W4
File 94: JICST-EPlus 1985-2004/Oct W4
File 99: Wilson Appl. Sci & Tech Abs 1983-2004/Oct
File 144: Pascal 1973-2004/Nov W3
File 248: PIRA 1975-2004/Nov W2
File 111: TGG Natl. Newspaper Index(SM) 1979-2004/Nov 23
File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13
Set Items Description
S1 8 (ERASE OR ERASABLE) () (BOARD? ? OR WHITEBOARD? ? OR MARKERBOARD? ? OR (WHITE OR MARKER) () BOARD? ? OR SLATE OR SLATES OR TABLET? ?) OR ERASEBOARD? ?
S2 641024 BEND???? OR FOLD????
S3 1362681 BENT OR CURVE? ? OR ANGLE? ?
S4 668261 PERMANENT?? OR UNCHANGEABLE OR UNALTERABLE OR INALTERABLE - OR INCONVERTIBLE OR IRREVERSIBLE OR NONREVERSIBLE OR FIXED
S5 12541 (SEMI OR PARTIALLY) () (RIGID OR FLEXIBLE OR PLIANT) OR SEMIRIGID OR SEMIFLEXIBLE OR SEMIPLIANT
S6 2600486 FLAT OR STRAIGHT OR LEVEL OR HORIZONTAL OR VERTICAL
S7 703341 PLANAR OR PLANE
S8 415107 TRANSPARENT OR TRANSLUCENT OR CLEAR OR SEE() THROUGH
S9 2787 SEMIRIGID
S10 7 RD S1 (unique items)
S11 5 S10/2002:2004
S12 2 S10 NOT S11
S13 120 (ERASE OR ERASABLE) (S) (BOARD? ? OR WHITEBOARD? ? OR MARKERBOARD? ? OR SLATE OR SLATES OR TABLET? ?)
S14 0 S2 AND S13
S15 3 S3 AND S13
S16 3 RD (unique items)
S17 0 S13 AND (S5 OR S9)

12/7/1 (Item 1 from file: 434)

DIALOG(R) File 434: SciSearch(R) Cited Ref Sci

(c) 1998 Inst for Sci Info. All rts. reserv.

04892963 Genuine Article#: PW847 Number of References: 1

Title: THE DRY- ERASE BOARD - A USEFUL ADDITION TO THE PLASTIC SURGICAL CLASSROOM

Author(s): SPEAR SL; LITTLE JW

Corporate Source: GEORGETOWN UNIV, SCH MED, DIV PLAST &
RECONSTRUCTSURG/WASHINGTON//DC/20007

Journal: PLASTIC AND RECONSTRUCTIVE SURGERY, 1983, V71, N1, P136-137

Language: ENGLISH Document Type: NOTE

16/6/3 (Item 1 from file: 144)

13707468 PASCAL No.: 98-0462192

Optical design for a double level rewritable phase change disc
1998-04

Serial 10/003561

November 30, 2004

File 9:Business & Industry(R) Jul/1994-2004/Nov 24
File 16:Gale Group PROMT(R) 1990-2004/Nov 29
File 160:Gale Group PROMT(R) 1972-1989
File 47:Gale Group Magazine DB(TM) 1959-2004/Nov 29
File 148:Gale Group Trade & Industry DB 1976-2004/Nov 29
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Nov 29
File 649:Gale Group Newswire ASAP(TM) 2004/Nov 18
File 141:Readers Guide 1983-2004/Sep
File 481:DELPHEs Eur Bus 95-2004/Nov W2
File 482:Newsweek 2000-2004/Nov 24
File 484:Periodical Abs Plustext 1986-2004/Nov W3
File 635:Business Dateline(R) 1985-2004/Nov 26
File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 29
File 98:General Sci Abs/Full-Text 1984-2004/Sep

Set Items Description

S1 687 (ERASE OR ERASABLE) () (BOARD? ? OR WHITEBOARD? ? OR MARKERBOARD? ? OR (WHITE OR MARKER) () BOARD? ? OR SLATE OR SLATES OR - TABLET? ?) OR ERASEBOARD? ?

S2 693925 BEND???? OR FOLD????

S3 653896 BENT OR CURVE? ? OR ANGLE? ?

S4 1724285 PERMANENT?? OR UNCHANGEABLE OR UNALTERABLE OR INALTERABLE - OR INCONVERTIBLE OR IRREVERSIBLE OR NONREVERSIBLE OR FIXED

S5 2903 (SEMI OR PARTIALLY) () (RIGID OR FLEXIBLE OR PLIANT) OR SEMI-RIGID OR SEMIFLEXIBLE OR SEMIPLIANT

S6 5671523 FLAT OR STRAIGHT OR LEVEL OR HORIZONTAL OR VERTICAL

S7 276463 PLANAR OR PLANE

S8 2136087 TRANSPARENT OR TRANSLUENT OR CLEAR OR SEE() THROUGH

S9 1016 SEMIRIGID

S10 2 S4 (3N) S2:S3 (S) S1

S11 2 RD (unique items) [not relevant]

S12 5 MANUFACTUR? (3N) S1

S13 5 S12 NOT S10

S14 5 RD (unique items)

S15 16 S1(S) S8

S16 0 S1(S) (S5 OR S9)

S17 28 S1(S) S6:S7

S18 41 (S15 OR S17) NOT (S10 OR S12)

S19 29 RD (unique items)

S20 13 S19/2002:2004

S21 16 S19 NOT S20

S22 16 Sort S21/ALL/PD,A

S23 1600 (ERASE? ? OR ERASABLE OR ERASING) (5N) (BOARD? ? OR WHITEBOARD? ? OR MARKERBOARD? ? OR SLATE OR SLATES OR TABLET? ?)

S24 2941 S4 (3N) S2:S3

S25 2 S23(S) S24 [duplicates]

S26 48 S5:S9(S) S23 NOT (S10 OR S12 OR S18 OR S25)

S27 10 S26/2002:2004

S28 38 S26 NOT S27

S29 32 RD (unique items)

S30 32 Sort S29/ALL/PD,A

S31 63 S23(S) S2:S4 NOT (S10 OR S12 OR S18 OR S25 OR S26)

S32 47 RD (unique items)

S33 14 S32/2002:2004

S34 33 S32 NOT S33

S35 33 Sort S34/ALL/PD,A

14/3,K/4 (Item 2 from file: 484)
DIALOG(R) File 484:Periodical Abs Plustext
(c) 2004 ProQuest. All rts. reserv.
04876454 SUPPLIER NUMBER: 62814051 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Com artists
Neefe, Lauren
Interiors (INTS), v159 n10, p90-97, p.9
Oct 2000
ISSN: 0164-8470 JOURNAL CODE: INTS
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1658
TEXT:
... floor-to-ceiling window. Seating: Herman Miller | carpet: Interface
| lighting: Legion; Ruud | ceiling: Armstrong | **dry- erase board** : custom
projects and manufacturers
Lauren Neefe is program coordinator at the American Institute of
Graphic Arts, in New York...

22/3,AB,K/12 (Item 12 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.
07463437 Supplier Number: 62743642
Virtual Ink To Collaborate With PLUS(R) Corporation.
PR Newswire, p0623
June 15, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 674
... technology enables users to digitally capture, share, distribute,
and playback hand-written information from **dry- erase whiteboards** and
other **flat** surfaces. mimioActive also supports the integration of a USB
communication bus and third-party peripherals...

22/3,AB,K/14 (Item 14 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.
12674610 SUPPLIER NUMBER: 65953679 (USE FORMAT 7 OR 9 FOR FULL TEXT)
BEYOND THE DISTANCE BARRIER: New Technology for E-Training.(human resources
management)
Asirvatham, Sandy
Journal of Property Management, 65, 5, 42
Sept, 2000
ISSN: 0022-3905 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2225 LINE COUNT: 00182

30/7/10 (Item 10 from file: 47)
DIALOG(R) File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.
03617980 SUPPLIER NUMBER: 11233469 (THIS IS THE FULL TEXT)
ATI Technologies Inc.: ATI VGAWonder XL. (Hardware Review) (one of 21
evaluations of Super VGA **boards** in 'SVGA **Boards**: Fast Enough for Windows,
Cheap Enough for You') (evaluation)
Poor, Alfred
PC Magazine, v10, n16, p277(1)
Sept 24, 1991

TEXT:

A reasonable price, good performance, solid support, and a raft of extra features make the VGAWonder XL from ATI Technologies an appealing high-resolution candidate. With list prices of \$299 for the 512K version and \$399 for the 1MB configuration, the card presents an affordable alternative.

This is not a stripped-down model, either. Based on ATI's own chip set and design, the **board** (6.2 inches long) makes room for both a 15-pin analog and a 9-pin digital video connector, a DIN mouse port (with a three-button mouse included at no extra cost), and a VGA pass-through edge connector along the top of the card used with add-on adapters that don't provide their own VGA support.

Noticeably missing from the card's layout are switches. Installation is a snap, thanks to configuration software that programs the card's **on-board** EEPROM to work with your monitor and to set other options such as the **vertical** refresh rates or mouse operation. The accompanying manual does a good job of explaining the card's options.

The 256K version of the VGAWonder XL gives you 16 colors in 800-by-600 and VGA resolutions, plus four colors at 1,024 by 768. Sockets on the card allow you to upgrade it to either 512K or 1MB of memory. With full memory installed, you can get up to 256-color support at 800-by-600 and 1,024-by-768 resolutions and 32,768 colors in VGA mode. If you have 1MB of memory, you can also get a 72-Hz **vertical** refresh rate at all three resolutions.

In terms of performance, the VGA-Wonder XL was not the fastest but was generally near the front of the pack. It beat the competition on the Screen-to-Screen BitBlt performance test as well as six of the VGA-resolution Windows tests in 16-color and 256-color modes. It did not fare quite as well on the 800-by-600-mode Windows tests, but except for the 256-color Dialog Boxes Show and Destroy test, it was competitive in its speed.

The ATI VGAWonder XL offers a lot for its price. You get good performance, a wide range of features, and a few bonuses such as 32,768 colors and a bus mouse. ATI's attention to its drivers has **clearly** paid off, making the VGA Wonder XL an attractive value.

ATI VGAWonder XL

ATI Technologies Inc., 3761 Victoria Park, Scarborough, Ontario, Canada M1W 3S2; 416-756-0718. List Price: With 1MB DRAM and Sierra RAMDAC, \$399. In Short: The feature-laden VGAWonder XL is a competitive performer with an attractively low

price and well-written drivers.

CIRCLE 620 ON READER SERVICE CARD

COPYRIGHT 1991 Ziff-Davis Publishing Company

30/7/16 (Item 16 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.
08035804 SUPPLIER NUMBER: 17379866 (THIS IS THE FULL TEXT)
Wacom unveils **erasable** pen, new ArtPad, ArtZ tablets. (Wacom Technology Corp's **Erasable** UltraPen electronic pen, and five new ArtPad and ArtZ products) (Product Announcement)

Hwang, Diana

Computer Reseller News, n640, p50(1)

July 24, 1995

TEXT:

Vancouver, Wash.

Wacom Technology Corp. expanded its product line with five new next-generation pen tablets and specialized pens.

The Vancouver-based company unveiled the Erasable UltraPen, a pressure-sensitive electronic pen that enables one to select text or cells and erase using one stroke. The list price for the Erasable UltraPen is \$89.99.

Separately, the company also filled in its UltraPens family with the unveiling of two additional products.

Applications that are "eraser-aware" include Adobe Photoshop, Fractal Design Painter and Dabbler, Macromedia FreeHand and HSC Live Picture, among others.

The five new tablets all fall into Wacom's ArtPad and ArtZ line of products.

First on tap is the ArtPad II with Erasing UltraPen. The device is a 4-inch x 5-inch peripheral tablet aimed at the low-end market. The product supports 256 pressure-sensitive levels and comes in either serial or ADB (Apple Desktop Bus) models. List price for the bundle is \$174.99.

Next in line are Wacom's professional versions of the ArtZ product lines. The ArtZ II 6 x 8 with Erasing UltraPen is available in serial or ADB models.

This tablet features a transparent overlay and programmable menu strip in a 6-inch x 8-inch active area. It lists for \$389.99, company officials said.

The ArtZ II 12 x 12, 12 x 18 and 18 x 25 with Erasing UltraPen are larger products focused for the design professional.

The 12-inch x 12-inch tablet features room for creating full design pages or 8-1/2-inch x 11-inch layouts. In addition, the product allows tracing of full pages of art onto the computer. The product lists for \$539.99.

The 12-inch x 18-inch serial tablet comes with a transparent overlay and with scaling options.

The product supports a two-page spread layout and is designed for prepress engineers, modelers and industrial designers, among others. It lists for \$869.99; a model with an electrostatic surface should list for \$1,089.99.

The high-end ArtZ II 18-inch x 25-inch with Erasing UltraPen is aimed at the prepress professional who requires the space needed in a full-sized tabloid or newspaper format. The product lists for \$2,449.99.

One highlight of the new tablets is a tilt- and bearing-sensitive feature. This enables an artist to use a drawing tool and have it respond to a tilt of up to 60 degrees from the vertical position, with the bearing in a tilt direction of a 360-degree circle, officials said.

For instance, in some applications, the feature enables a pen to work similarly to a calligrapher's pen by allowing input from a variety of angles.

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30/7/17 (Item 17 from file: 47)
DIALOG(R) File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.
04326765 SUPPLIER NUMBER: 17103237 (THIS IS THE FULL TEXT)
Wacom debuts erasing pens. (ArtPad II, ArtZ II ship with Erasing
UltraPen) (Brief Article)
Abes, Cathy
Macworld, v12, n9, p141(1)
Sep, 1995
TEXT:

Continuing the trend of digital pens that emulate the natural feel of traditional writing instruments, Wacom (360/750-8882) is introducing a new generation of graphics tablets that feature erasing pens. Five new ArtPad II and ArtZ II tablets ranging in size from 4 to 5 inches to 18 by 25 inches, will each ship with the Erasing UltraPen, which offers pressure- and tilt-sensitive erasing (the ArtZ II tablets are tilt- and bearing-sensitive). According to Wacom, the 256-pressure-level pen works like a real eraser--erasing more as you increase the pressure. The tilt determines the shape of a line, while the bearing determines its direction. You can blend colors by changing the amount of tilt and vary opacity by changing the pen's direction, in apps that support these features.

Once it's released, the erasing pen will become the standard one shipped with all Wacom tablets. Graphics applications supporting the Erasing UltraPen include Adobe Photoshop, Fractal Design Painter, Macromedia FreeHand, Live Picture, SmartSketch, and MediaPaint. Wacom's new driver will enable one-stroke erasing in nonsupporting applications such as word processors and spreadsheets--you'll simply select text and drag to **erase**.

Although the Erasing UltraPen won't be compatible with existing Wacom tablets, Wacom is considering an upgrade policy for owners of older tablets. Due in mid-July, the ArtZ II tablets with Erasing UltraPen will range in price from \$389 to \$2449.99. The ArtPad II will list for \$174.99.

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30/7/28 (Item 28 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.
07152293 Supplier Number: 59843230 (THIS IS THE FULLTEXT)
Digital whiteboards.
Toupin, Laurie
Design News, v55, n5, p37
March 6, 2000

TEXT:

eBeam™; converts any whiteboard into a digital workspace, allowing users to capture meeting-notes and diagrams in real time on their personal computer. Words and images can be viewed, edited, and shared across the world using a Web browser. "We are determined to revolutionize the way (people) share their ideas over the Internet," said Guy Gecht, president of Electronics For Imaging. The eBeam marking system, which includes four marker sleeves, two whiteboard pods, and one eraser, weighs approximately one pound and can easily be carried in a laptop case. Standard dry-erase markers fit inside the sleeves which send signals to the pods mounted to the top of a whiteboard or any flat writing surface with the use of self adhesive Velcro™ strips or suction cups. Each pod receives data from the sleeves and sends the data to your computer. According to company officials, setting up eBeam takes less than three minutes. Any word or image drawn on the whiteboard appears on the desktop in full color. Electronics for Imaging: Product Code 4994

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30/3,AB,K/3 (Item 3 from file: 160)
DIALOG(R) File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts..reserv.
01389555
Dust-free writing board composes by magnetic force.
ASIAN WALL STREET JOURNAL August 11, 1986 p. 8

Pilot Pen's (Japan) new Clean Mag dust-free electronic writing **board** is for use in clean rooms at semiconductor and biochemical plants, food plants and other places where hygiene is required. The user writes with a magnetic pencil. The **board** displays characters via magnetic energy and uses electricity only to **erase**. Its characters are sharper than those of a **blackboard** because the black magnetic powder used to make them contrasts with the white liquid chemical of the background. The chemicals and magnetic powder are sandwiched between 2 **transparent** sheets of polyester. The magnetic pencil pulls the powder to the surface of the **board**, where it remains until the user pushes a button to release it. The **board** **erases** only by the line. It weighs 5.7 pound and measures 4.3' high, 6' long and 2.8'' wide. Pilot Pen will produce 500 units/yr.

... white liquid chemical of the background. The chemicals and magnetic powder are sandwiched between 2 **transparent** sheets of polyester. The magnetic pencil pulls the powder to the surface of the **board**, where it remains until the user pushes a button to release it. The **board** **erases** only by the line. It weighs 5.7 pound and measures 4.3' high, 6...

30/3,AB,K/15 (Item 15 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.
02793080 Supplier Number: 45666116

WACOM ANNOUNCES NEXT GENERATION GRAPHICS TABLETS AND THREE NEW POINTING DEVICES INCLUDING ERGONOMIC CURSOR

M2 Presswire, pN/A
July 13, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1447
... tablet set.

* UltraPad A5 with UltraPen **Eraser** - WACOM's UltraPad AS graphics **tablet** includes a **transparent** overlay for fixing menu templates or securing artwork for tracing. Its compact size (active surface...

30/3,AB,K/19 (Item 19 from file: 47)
DIALOG(R) File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.
04358523 SUPPLIER NUMBER: 17553075 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wacom ArtPad II, Wacom ArtZ II, and Summagraphics Summa Expression: stop mousing around. (digitizing **tablets**) (Hardware Review) (Evaluation)

Cryan, Shelley
MacUser, v11, n12, p82(2)
Dec, 1995

DOCUMENT TYPE: Evaluation ISSN: 0884-0997 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1111 LINE COUNT: 00096

ABSTRACT: Wacom Technology's ArtPad II and ArtZ II and Summagraphics' Summa Expression are three digitizing **tablets** that give graphics users much more precise cursor control than is possible with a mouse or trackball, and the devices can emulate a mouse in every respect. The ArtPad II and ArtZ II are improved over previous versions and priced lower at \$174.99 and \$389.99, respectively. A new digital **eraser** lets users automatically select an application's **eraser** tool by flipping the stylus over, closely emulating the pencil metaphor; both normal and **eraser** modes are pressure-sensitive. Applications that support the **eraser** include Fractal Design Painter 3.1 for the Power Mac, Fractal Design Dabbler, Adobe Photoshop 3.04 and

FutureWave's SmartSketch. The ArtZ II is larger than the ArtPad and has advanced customization options. The \$389 Summa Expression has controls directly on the **tablet** and is about the same size as the ArtZ II, but it has fewer features. There are only six customizable buttons, and the wide, heavy stylus needs its own battery.

30/3,AB,K/24 (Item 24 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.
05771202 Supplier Number: 50259092
Mutant bacteria, electronic ink and paper under development -- Offbeat technologies may hold key to displays
Quan, Margaret
Electronic Engineering Times, v2, n1022, p57
August 24, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; Trade
Word Count: 1559

30/3,AB,K/29 (Item 29 from file: 47)
DIALOG(R) File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.
05852283 SUPPLIER NUMBER: 62920910 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Computer Accessories.(Technology Information)
Powell, Edwin
OfficeSolutions, 17, 5, 49
May, 2000
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1856 LINE COUNT: 00145
... It notes that can be hard to read and contribute to clutter. The HotJot dry- **erase** message **board** offers a simple-yet-elegant solution by providing a convenient write-on, wipe-off surface...
...writing border at the top and sides of the screen. HotJot **boards** are available in **clear**, white, yellow, and red, and come with a dry- **erase** pen and felt **eraser**. The **boards** are also available in custom colors and with imprinted corporate logos...

30/3,AB,K/30 (Item 30 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.
08221494 Supplier Number: 68924415
Wacom PL500.(graphics **tablet**) (Product Announcement)
Sheerin, Peter K.
Cadence, v15, n12, p48
Dec, 2000
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Magazine/Journal; Trade
Word Count: 1273
... all of the other features, including the pressure-sensitive, cordless battery-less stylus with an **eraser** head and three buttons. The **tablet** has a sliding stand that allows you to adjust the **angle** of the display from nearly **flat** to about 15-degrees from **vertical**...

35/7/2 (Item 2 from file: 160)

Serial 10/003561

November 30, 2004

DIALOG(R) File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01573895

PRO-RITE (R) MARKER BOARDS ELIMINATE CHALK DUST.

NEWS RELEASE February 27, 1987 p. 11

Pro-Rite marker boards from Marsh Chalkboard Company feature a silver-gray porcelain-on-stell board. This surface can be written on with colorful markers instead of chalk, thereby eliminating chalk dust. Special Pro-Rite felt-tipped marking pens are recommended for use with the boards, and may be erased with a standard chalk eraser. Water-soluble markers or washable crayons may also be used for semi-permanent markings easily removed with a damp cloth. In addition, the board will accommodate magnetic accessories. Marsh recommends its own Mar-Kleen (R) cleaner to periodically remove residual marks, dirt and grease. Standards frames for the Pro-Rite include natural finished oak wood or satin-anodized aluminum. Genuine walnut, cherry or walnut-stained oak trim are available as options. Chalk trays feature durable aluminum construction with protective end caps. Pro-Rite marker boards come in both wall-mounted and stand-up units, in standard sizes from 1-1/2' x 2' to 4' x 12' (height by width). Marsh also offers boards built to custom specifications. The purchase price for all framed boards includes an eraser and four Pro-Rite markers in red, blue, green and black.

35/7/21 (Item 21 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

07114002 Supplier Number: 60121540 (THIS IS THE FULLTEXT)
Electronic Whiteboard Kits on the Go. (Hardware Review) (Evaluation)

Dahl, Eric

PC World, v18, n4, p94

April, 2000

TEXT:

WHITEBOARDING

HOW MANY times have you looked back on a meeting and wished you'd taken better notes? Electronic whiteboards can help by recording the scribbling of you and your colleagues, but they're expensive (more than \$2500 for a 4-by-6-foot board) and too heavy to tote from room to room. Virtual Ink's Mimio and Electronics for Imaging's EBeam address both of these issues: Each unit costs about \$500, fits inside a briefcase, and attaches to any conventional whiteboard with dimensions up to 4 by 8 feet.

Both products use sonic receivers to track movements on a conventional whiteboard. Regular marker pens fit into special holders that emit a very faint buzzing sound at a specific frequency whenever you press down to draw on the whiteboard. A special eraser works in a similar fashion.

Product setup and use are remarkably straightforward. Both Mimio and EBeam connect to a free serial port on your PC (EBeam offers an optional USB adapter). Both come with software for recording pen and eraser strokes, playing back or printing whiteboard sessions, attaching notes, and exporting screens to several file formats. You can even share your meetings with remote users via the Internet. There are a few hitches--pen holders sometimes require a lot of pressure to activate, and changing the angle at which you hold the pen will slightly alter how a line appears on screen. But these devices generally work quite well.

Mimio's receiver is a 28-inch bar that uses two large, lever-released suction cups to clamp onto the left side of your whiteboard (the bar folds

in half for transporting). This product's capture software is better than EBeam's, with multiple levels of zoom, configurable pen colors, and a slicker overall presentation. For data sharing, Mimio's free software links with Microsoft's NetMeeting conferencing package to display whiteboard contents in real time. A software update (which should be available by the time you read this) will let Mimio write directly to the NetMeeting whiteboard. Also on tap are a \$50 USB adapter and a \$99 handwriting-recognition plug-in to convert your scribbles into editable text documents.

EBeam's more compact hardware--two small pods that attach to the top corners of your whiteboard--makes it the natural choice for travelers. The capture software lacks some of Mimio's polish, but it gets the job done. Remote users can obtain full-featured meeting access by-downloading a free copy of the software, and a handy Java client permits anyone who has a Java-enabled Web browser to look in on the meeting.

NetMeeting users may prefer Mimio's more robust software, while people on the go should favor EBeam's more compact hardware and Java client. Either product offers an economical, portable alternative to an expensive, heavy electronic whiteboard.

Ebeam

PRO: Slick, compact capture hardware, helpful Java client.

CON: Capture Software offers fewer features than Mimio's.

VALUE: Easily portable alternative to an electronic whiteboard.

Street price: \$499

PRODUCT INFO NO. 639

Mimio

PRO: Robust capture software.

CON: The hardware is bulkier than EBeam's; no Java client.

VALUE: Full-featured electronic whiteboard alternative.

Street price: \$499

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35/7/27 (Item 27 from file: 47)
DIALOG(R) File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.
05984909 SUPPLIER NUMBER: 68966443 (THIS IS THE FULL TEXT)
Markerboard. (Steelcase introduces Huddleboard, portable marker-board) (Brief Article) (Product Announcement)

American School & University, 73, 4, 40

Dec, 2000

TEXT:

Steelcase offers the Huddleboard markerboard , a lightweight, portable and erasable writing surface. The board comes in two sizes--32 inches by 42 inches, and 23.5 inches by 32 inches--and in one-sided or two-sided versions. Also available are accessories such as a photo album, mobile easel and folding easel.

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35/7/28 (Item 28 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.
13008562 SUPPLIER NUMBER: 69386818 (THIS IS THE FULL TEXT)
New P3 Ceramicsteel Writing Surfaces from PolyVision. (Brief Article)
School Planning and Management, 39, 12, 32

Dec, 2000

TEXT:

Would you like a writing surface that works as hard as you do? The improvements in writing and erasing on a P3 ceramicsteel writing surface are significant. The smooth, nonporous surface allows markers to glide easily across markerboards and chalk to adhere more readily to chalkboards. Erasing is effortless and complete because surface distortion that causes "ghost writing" on other boards has been virtually eliminated. For students, P3 offers lower glare, higher writing contrasts and a wider viewing angle. For teachers, P3 means markerboards that erase and chalkboards that are virtually dust free. Information and samples are available.

COPYRIGHT 2000 Peter Li, Inc.

35/3,AB,K/12 (Item 12 from file: 9)
DIALOG(R) File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.
1454986 Supplier Number: 01454986
Fourth-generation Sharpie could make super-fine sales point
(George Lazarus On Marketing discusses Sanford Corp's debut of the
fine-point pen Super Sharpie with a larger barrel in the 3rd-qtr-1996)
Chicago Tribune, p 4;4
April 01, 1996

DOCUMENT TYPE: Regional Newspaper; Column (United States)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
Sanford Corp's (Bellwood, IL) Sharpie permanent marker sells 150 mil units/yr. The firm will introduce the fine-point pen Super Sharpie with a larger barrel in the 3rd-qtr-1996. Sanford has managed through some mergers to expand its line to include almost all types of writing instruments, which has sales of 3.5 bil units/yr. It also introduced dry- erase memo-type boards for small offices, schools and homes. The board business is expected to reach about \$5 mil/yr in 2 years. The market for dry- erase boards is now \$100 mil. Sanford expects sales of \$600 mil in 1996.

35/3,AB,K/13 (Item 13 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.
10293433 SUPPLIER NUMBER: 20855125 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Meeting technology: from low-tech to high-tech. (low-technology and
high-technology options for use in meeting management)

Munter, Mary
Business Communication Quarterly, v61, n2, p80(8)
June, 1998

ISSN: 1080-5699 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2798 LINE COUNT: 00234

ABSTRACT: Business executives must consider the availability of resources, timing and location and group size and expectations when deciding on the technologies to use during a meeting. Low-technology options should be used in meetings where nonverbal contact is important. These include non-electronic boards, such as blackboards and whiteboards, and flipcharts. 'Groupware,' on the other hand, can be used in higher-technology meetings for groups from different locations. Electronic- and voice-mail systems, video systems and electronic boards are used in such meetings.

35/3,AB,K/19 (Item 19 from file: 16)

Serial 10/003561

November 30, 2004

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

06614785 Supplier Number: 55675819

Mobile Gear.(buyer's guide for seven hardware or software products) (Buyers Guide)

Computer Shopper, v19, n10, p186

Oct, 1999

Language: English Record Type: Fulltext

Article Type: Buyers Guide

Document Type: Magazine/Journal; General Trade

Word Count: 1008

... software tool that will **change** the way you look at your office's old dry- **erase** **whiteboard**. The mimio includes a 1.5-pound **folding** sensor arm that attaches to any **whiteboard** or flip chart. Slip one of the four...

35/3,AB,K/26 (Item 26 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2004 The Gale group. All rts. reserv.

05915772 SUPPLIER NUMBER: 66010682 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Brackets, Charts, and Grooming Help.

Practical Horseman, 28, 10, 188

Oct, 2000

ISSN: 0090-8762 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1400 LINE COUNT: 00106

... Feed Buddy in my feed room, and it worked out great-better than the dry- **erase** **board** I have because the lines and headings are **permanent** and don't get **erased** each time someone's feed is **changed**." One addition she...

35/3,AB,K/29 (Item 29 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

13154911 SUPPLIER NUMBER: 70460947 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Omnova's MemErase Stands Up to Stringent Industry Standards. (Omnova

Solutions Inc.'s MemErase wallcovering) (Brief Article)

School Planning and Management, 40, 1, 58

Jan, 2001

DOCUMENT TYPE: Brief Article LANGUAGE: English RECORD TYPE:

Fulltext

WORD COUNT: 704 LINE COUNT: 00061

Serial 10/003561

November 30, 2004

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200476

File 347:JAPIO Nov 1976-2004/Jul (Updated 041102)

S1 25 DRY() (ERASE OR ERASABLE) () (BOARD? ? OR (WHITE OR MARKER) () BOARD? ? OR WHITEBOARD? ? OR MARKERBOARD? ?) OR DRY() ERASEBOARD? ?
 S2 638044 BEND???? OR FOLD???? OR BENT
 S3 8840 SEMI() (RIGID OR FLEXIBLE OR PLIANT) OR SEMIRIGID OR SEMIFLEXIBLE OR SEMIPLIANT
 S4 2339517 FLAT OR STRAIGHT OR LEVEL OR HORIZONTAL OR VERTICAL
 S5 1339082 CURVE? ? OR FOLD??? OR ANGLE? ?
 S6 140491 PERMANENT OR IRREVERSIBLE OR NONREVERSIBLE OR UNCHANGEABLE
 OR UNALTERABLE OR INALTERABLE
 S7 459591 TRANSPARENT OR TRANSLUCENT OR CLEAR OR SEE() THROUGH
 S8 18154 IC=B43L?
 S9 349 S6(1N) (S2 OR S5)
 S10 0 S1 AND S9
 S11 32606 PERMANENTLY
 S12 0 S1 AND (S2 OR S5) (S) (S6 OR S11)
 S13 3 S1 AND (S2 OR S5)
 S14 1 S1 AND (S6 OR S11)
 S15 1 S14 NOT S13
 S16 6 S1 AND S8
 S17 3 S16 NOT S13:S14
 S18 0 (S1 AND S3) NOT S13:S16
 S19 6 S1 AND S4
 S20 5 S19 NOT S13:S16

13/26, TI/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014253839

WPI Acc No: 2002-074539/200210

Wall mounted rail system with movable boards, for presentations and similar purposes, includes tilt mechanism for adjusting angle of board relative to wall surface

13/7,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015251064 **Image available**

WPI Acc No: 2003-311990/200330

Repositionable markerboard for mounting on wall or other surfaces, has first dry erasable layer, second paper layer, and third pressure-sensitive adhesive layer

Patent Assignee: MECCIA M A (MECC-I)

Inventor: MECCIA M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20030008095 | A1 | 20030109 | US 2001900081 | A | 20010706 | 200330 B |

Priority Applications (No Type Date): US 2001900081 A 20010706

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030008095 A1 16 B32B-007/06

Abstract (Basic): US 20030008095 A1

NOVELTY - A repositionable markerboard consists of a first dry erasable layer cured under nitrogen blanket and having dry erasable

upper surface and lower surface; a second paper layer having a lower surface, and an upper surface adhered to lower surface of first layer; and a third pressure-sensitive adhesive layer having a lower surface, and an upper surface adhered to lower surface of second layer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a pad comprising a stack of the inventive repositionable markerboards, a line of perforations on the first and second dry erasable markerboards, a cover folded over a portion of the stacked markerboards, and staples binding the cover to the stacked markerboards.

USE - For mounting on wall or other surfaces (both planar and non-planar surfaces).

ADVANTAGE - The inventive markerboard is lighter, more flexible and less expensive than markerboards commonly made of e.g. polyester or vinyl. It can be mounted on both planar and non-planar surfaces without the use of mounting hardware. It can be applied initially and re-applied subsequently to a variety of surfaces that would not hold an inflexible markerboard such as curved surfaces, corners or surfaces with protrusions. It can be transported and stored in a roll.

DESCRIPTION OF DRAWING(S) - The figure is a schematic cross-sectional view of the inventive markerboard.

First dry erasable layer (18)

Second paper layer (20)

Third pressure-sensitive adhesive layer (22)

pp; 16 DwgNo 2/11

International Patent Class (Main) : B32B-007/06

15/7/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014862098

WPI Acc No: 2002-682804/200273

XRAM Acc No: C02-192663

XRPX Acc No: N02-539064

Dry erase board as marker board, has rigid or semi-rigid structure with smooth, non-porous polymeric surface to which legible markings and writing which can be erased are applied, and to which magnets can be adhered

Patent Assignee: OFF THE WALL CREATIONS LLC (OFFT-N); ROSS D L (ROSS-I);

ROSS D P (ROSS-I); STAADECKER B (STAAB-I)

Inventor: ROSS D L; ROSS D P; STAADECKER B

Number of Countries: 100 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| WO 200268213 | A1 | 20020906 | WO 2002US6346 | A | 20020228 | 200273 B |
| AU 2002250201 | A1 | 20020912 | AU 2002250201 | A | 20020228 | 200433 |
| US 20040110032 | A1 | 20040610 | WO 2002US6346 | A | 20020228 | 200438 |
| | | | US 2004469265 | A | 20040205 | |

Priority Applications (No Type Date): US 2001272084 P 20010228; US 2004469265 A 20040205

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--------------|------|-----|----|-------------|--------------|
| WO 200268213 | A1 | E | 13 | B43L-001/04 | |

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Serial 10/003561

November 30, 2004

Designated States (Regional) : AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
AU 2002250201 A1 B43L-001/04 Based on patent WO 200268213
US 20040110032 A1 B32B-009/00

Abstract (Basic) : WO 200268213 A1

NOVELTY - A **dry erase board** comprises a rigid or **semi-rigid** structure having a smooth, virtually non-porous polymeric surface to which legible markings and writing which can be easily erased are applied, and to which magnets can be adhered.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for manufacture of the **dry erase board** by a two step system which involves applying a coating containing metallic or ferrometallic particulate as a first coating to a rigid or **semi-rigid** substrate, and subsequently applying a second coating which provides the **dry erase board** characteristics to the board.

USE - As e.g. a white board or marker board.

ADVANTAGE - The board accepts writing, drawing and graphics which are erasable. The board is also be printed by silk-screening or sublimation with inks to produce graphics which are **permanently** on the surface of the board and are not erased by the use of the board. The board exhibits properties of a metallic board in that the surface of the board can receive magnets, but is lighter in weight, and can be easily sized and machine cut, especially compared to the metallic or ceramic boards. The boards can be easily shaped after they are made and are not limited to square or rectangular shape. Thus, any geometry is possible. The printable characteristic allows for a variety of graphics to be put on the surface of the board, without the need for protective laminates or other coatings. The board is made by coating or painting on a variety of substrates or may be made by molding a bulk composition. The board need not be made with rigid substrates, and can be made from semi-rigid substrates. The boards themselves or not magnetic but exhibit an ability to hold magnets.

pp; 13 DwgNo 0/0

International Patent Class (Main) : B32B-009/00; B43L-001/04

17/26, TI/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010662242

WPI Acc No: 1996-159196/199616

Multifunctional drafting instrument for removably mounting e.g. on dry erase board - has distal end of arm contg outwardly protruding lip or ledge that serves as T-square, while ledge may be mounted on top of board

17/7/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014367072 **Image available**

WPI Acc No: 2002-187774/200224

XRAM Acc No: C02-057915

XRPX Acc No: N02-142366

Two-sided dry erase board useful in schools, homes or offices, includes foam core board, two dry erase poly-film layers, and frame assembly

Patent Assignee: OWEN M C (OWEN-I)

Inventor: OWEN M C

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020009703 | A1 | 20020124 | US 2000204781 | P | 20000517 | 200224 B |
| | | | US 2001858499 | A | 20010517 | |

Priority Applications (No Type Date): US 2000204781 P 20000517; US 2001858499 A 20010517

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|----------------|------|--------|-------------|---------------------------------------|
| US 20020009703 | A1 | 7 | B43L-001/00 | Provisional application US 2000204781 |

Abstract (Basic): US 20020009703 A1

NOVELTY - A two-sided **dry erase board** includes foam core board, two dry erase poly-film layers, and frame assembly. The polyfilm layers enable a user of the mark on both sides of the foam core board. A slotted frame is secured to the respective ends of foam core, to form protective frame around the ends of the foam core to strengthen and protect the ends of the foam core board.

DETAILED DESCRIPTION - A two-sided **dry erase board** (10) comprises foam core board, two dry erase poly-film layers, and frame assembly. The foam core board has two parallel sides, top end parallel with bottom end, and two parallel ends. The polyfilm layers enable a user of the mark on both sides of the foam core board. The frame assembly (40) has U-shaped top and bottom frame portions (42, 44), and U-shaped first and second frame portions (46, 48). Each U-shaped frame portion has an extending slot that is sized to receive the respective end of the foam core. The slotted frame are secured to the respective ends of the foam core, to form a protective frame around the ends of the foam core so as to strengthen and protect the ends of the foam core board.

USE - Useful in schools, homes, and offices.

ADVANTAGE - The inventive erase board includes a lightweight frame covering the external edge surface, for strength and durability. It has a finished edge, which improves its appearance. It has a lightweight frame assembly that greatly increases the rigidity of the foam board and enables the use of thinner foam material.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of the inventive **dry erase board**.

Dry erase board (10)

Frame assembly (40)

U-shaped top and bottom frame portions (42, 44)

U-shaped first and second frame portions (46, 48)

Frame mounting clip (50, 62)

Aperture (52)

Boss (53)

Marker tray (60)

pp; 7 DwgNo 1/5

International Patent Class (Main): B43L-001/00

20/26, TI/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010682090

WPI Acc No: 1996-179045/199618

Portable easel used by adults and children in drawing, writing, display of materials etc. - includes two legs joined at top by crosspiece having pegs for hanging their easel board, with legs passing through holes at their approx. midpoint in tray table

20/7/5 (Item 5 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
010081893 **Image available**
WPI Acc No: 1994-349606/199443
XRAM Acc No: C94-159230
XRPX Acc No: N94-274183
High quality combination projection screen and dry erasable marker board - with opaque, dry-erasable, reflective, bi-direction lenticular surface, pref. laminate of ethylene-tetrafluoro-ethylene copolymer on mat PVC
Patent Assignee: WALLTALKERS (WALL-N)
Inventor: STELIGA G A
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applcat No Kind Date Week
US 5361164 A 19941101 US 92900942 A 19920617 199443 B
Priority Applications (No Type Date): US 92900942 A 19920617
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 5361164 A 7 G03B-021/56
Abstract (Basic): US 5361164 A
Combination projection screen and dry erasable marker board has an opaque, dry-erasable, reflective, bi-directional lenticular surface. The prodn. of the screen/board is also claimed.
USE - The material may be attached to any flat surface, e.g. walls, old chalk-boards or to metal (pref. steel or other magnetic metal) to form free-standing or hanging (magnetic) boards.
ADVANTAGE - High quality results are obtd. for both functions.
Dwg.0/5
International Patent Class (Main): G03B-021/56

File 349:PCT FULLTEXT 1979-2002/UB=20041125,UT=20041118

| Set | Items | Description |
|-----|--------|--|
| S1 | 299 | IC=B43L? |
| S2 | 42 | DRY() (ERASE OR ERASABLE) () (BOARD? ? OR (WHITE OR MARKER) () - BOARD? ? OR WHITEBOARD? ? OR MARKERBOARD? ?) OR DRY() ERASEBOARD? ? |
| S3 | 172974 | BEND???? OR FOLD???? OR BENT |
| S4 | 7204 | SEMI() (RIGID OR FLEXIBLE OR PLIANT) OR SEMIRIGID OR SEMIFLEXIBLE OR SEMIPLIANT |
| S5 | 501110 | FLAT OR STRAIGHT OR LEVEL OR HORIZONTAL OR VERTICAL |
| S6 | 319680 | CURVE? ? OR FOLD??? OR ANGLE? ? |
| S7 | 71404 | PERMANENT OR IRREVERSIBLE OR NONREVERSIBLE OR UNCHANGEABLE OR UNALTERABLE OR INALTERABLE |
| S8 | 199348 | TRANSPARENT OR TRANSLUCENT OR CLEAR OR SEE() THROUGH |
| S9 | 41471 | PERMANENTLY |
| S10 | 936 | (S7 OR S9) (3N) (S3 OR S6) |
| S11 | 0 | S2(S)S10 |
| S12 | 0 | S2 AND S10 |
| S13 | 15 | S2(S) (S7 OR S9) |
| S14 | 1 | S2(S) (S3 OR S6) [a duplicate] |
| S15 | 14 | S13 NOT S14 |
| S16 | 1 | S4(S)S14 |
| S17 | 0 | S4(S)S15 |
| S18 | 1 | S5(S)S15 |
| S19 | 1 | S18 NOT S14 [a duplicate] |
| S20 | 13 | S15 NOT (S14 OR S18) |
| S21 | 0 | S1 AND S20_ |
| S22 | 2 | S1 AND S20 |
| S23 | 11 | S20 NOT S22 |

22/13,AB,K/1

DIALOG(R) File 349:PCT FULLTEXT
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01099799

**METHOD OF MAKING ERASABLE ARTICLES AND ARTICLES THEREFROM
PROCEDE D'ELABORATION D'ARTICLES EFFACABLES, ET ARTICLES AINSI ELABORES**
Patent Applicant/Assignee:

3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427, US, US (Residence), US (Nationality)

Inventor(s):

BHARTI Vivek, Post Office Box 33427, Saint Paul, MN 55133-3427, US,
JONES Clinton L, Post Office Box 33427, Saint Paul, MN 55133-3427, US,
GUSTAFSON Frederick J, Post Office Box 33427, Saint Paul, MN 55133-3427, US,

Legal Representative:

JONAS George W (et al) (agent), Office of Intellectual Property Counsel,
Post Office Box 33427, Saint Paul, MN 55133-3427, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200420221 A1 20040311 (WO 0420221)
Application: WO 2003US26152 20030821 (PCT/WO US03026152)
Priority Application: US 2002231568 20020830

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU

ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (utility model) SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17791

English Abstract

A method of making erasable article comprises: providing an electret film having first and second opposed major surfaces; applying a polymerizable precursor composition to at least a portion of the first major surface; polymerizing the polymerizable precursor composition to form a non-tacky crosslinked polymeric layer; and exposing the electret film and non-tacky crosslinked polymeric layer to a direct current corona discharge, wherein the second major surface is free of adhesive material. Erasable articles and kits containing them are also disclosed. Also disclosed are dry erase articles having a first coating layer coated onto a flexible substrate. The first coating composition has a hardness upon curing of greater than about 500MPa and forms an ink receptive writing surface suitable for receiving dry erase marker ink. The first coating layer has minimal effect on the flexibility of the sheet.

Main International Patent Class: B43L-001/00

Fulltext Availability: Detailed Description

Detailed Description

... Markers D1 and D1', black and blue, respectively, were obtained under the trade designation "DIXON DRY ERASE WHITE BOARD MARKER" from Dixon Ticonderoga Company, Heathrow, Florida; Markers E I and E1', black and...

...and S V, black and red, respectively, were obtained under the trade designation "SANFORD SHARPIE PERMANENT MARKER" from Sanford Corporation.

Dry Erase Test

The uncoated side of a pair of approximately...allow attachment of the dry erase article to a more rigid surface to make a **dry erase board**.

The adhesive may also allow the attachment of the dry erase substrate directly to some...

23/6/6

00993744 **Image available**

METHOD OF PROTECTING A SURFACE

23/3, AB/1

DIALOG(R) File 349:PCT FULLTEXT

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01098949 **Image available**

**METHOD OF MAKING WRITABLE ERASABLE ARTICLES AND ARTICLES THEREFROM
PROCEDE PERMETTANT DE FABRIQUER DES ARTICLES EFFACABLES ET ARTICLES
EFFACABLES AINSI OBTENUS**

Patent Applicant/Assignee:

3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427, US, US (Residence), US (Nationality)

Inventor(s):

BHARTI Vivek, Post Office Box 33427, Saint Paul, MN 55133-3427, US,
JONES Clinton L, Post Office Box 33427, Saint Paul, MN 55133-3427, US,

GUSTAFSON Frederick J, Post Office Box 33427, Saint Paul, MN 55133-3427, US,
Legal Representative:

WRIGHT Bradford B (et al) (agent), Intellectual Property Counsel, Post
Office Box 33427, Saint Paul, MN 55133-3427, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200421379 A2-A3 20040311 (WO 0421379)

Application: WO 2003US20786 20030702 (PCT/WO US03020786)

Priority Application: US 2002231568 20020830

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (utility model) SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6992

English Abstract

A method of making **erasable** article (100) comprises: providing an electret film (110) having first and second opposed major surfaces; applying a polymerizable precursor composition to at least a portion of the first major surface (120); polymerizing the polymerizable precursor composition to form a non-tacky crosslinked polymeric layer (130); and exposing the electret film (110) and non-tacky crosslinked polymeric layer (130) to a direct current corona discharge, wherein the second major surface (122) is free of adhesive material. Erasable articles and kits containing them are also disclosed.

23/3,AB/2

DIALOG(R) File 349:PCT FULLTEXT

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01090640

DRY ERASE SURFACE

SURFACE EFFACABLE A SEC

Patent Applicant/Assignee:

TROY LAMINATING & COATING INC, 421 South Union Street, Troy, OH 45373, US
, US (Residence), US (Nationality)

Inventor(s):

KORANE Richard J, 6671 Crossbrook Drive, Centerville, OH 45459, US,
HART Donald L, 3212 Patsie Drive, Beavercreek, OH 45434, US,

Legal Representative:

PRITZKER Randy J (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic
Avenue, Boston, MA 02210, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200411278 A2-A3 20040205 (WO 0411278)

Application: WO 2003US23931 20030731 (PCT/WO US03023931)

Priority Application: US 2002399848 20020731

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7107

English Abstract

Dry-erase surfaces and methods of production and use are provided. Improved dry-erase surfaces may be produced from heat-cured resins. Existing dry-erase surfaces such as white boards may be altered or repaired with sheets of dry-erase material.

Fulltext Availability: Detailed Description

23/3, AB/7

DIALOG(R) File 349:PCT FULLTEXT

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00992995 **Image available**

STRUCTURE INCLUDING A FILM MATERIAL

STRUCTURE COMPRENANT UNE PELLICULE

Patent Applicant/Assignee:

S C JOHNSON HOME STORAGE INC, 1525 Howe Street, Racine, WI 53403, US, US
(Residence), US (Nationality)

Inventor(s):

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MARTIN Frederick H, 3213 Pritchard Drive, Racine, WI 53406, US,
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Legal Representative:

CHAPMAN Kristin L (agent), S. C. JOHNSON HOME STORAGE, INC., 1525 Howe
Street, Racine, WI 53403, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200322709 A1 20030320 (WO 0322709)

Application: WO 2002US28414 20020906 (PCT/WO US0228414)

Priority Application: US 2001948644 20010907

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6147

English Abstract

A structure includes a film having a pair of opposed surfaces wherein the film is liquid impermeable and electrically charged and an arrangement carried by the film and having first and second compartments separated from one another by a rupturable wall. First and second compositions are disposed in the first and second compartments whereby the rupturable wall may be ruptured to permit mixing of the first and second compositions.

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200476

| Set | Items | Description |
|-----|---------|---|
| S1 | 421672 | BEND???? OR FOLD???? OR BENT |
| S2 | 490502 | RIGID OR FLEXIBLE OR PLIANT OR SEMIRIGID OR SEMIFLEXIBLE OR SEMIPLIANT |
| S3 | 335062 | TRANSPAREN? OR TRANSLUCEN? OR CLEAR OR SEE() THROUGH |
| S4 | 147046 | ERASE? ? OR ERASING OR ERASABLE OR WRITE OR WRITES OR WRITING OR WRITTEN OR REWIT??? |
| S5 | 249611 | REPEAT? OR REPETITI? OR REUS??? OR REUSABLE OR REUSEABLE |
| S6 | 423480 | FOLDER? ? OR BOARD? ? OR WHITEBOARD? ? OR MARKERBOARD? ? OR ERASEBOARD? ? OR NOTEBOARD? ? |
| S7 | 1688730 | SHEET? ? OR SUBSTRATE? ? OR SLATE OR SLATES OR TABLET? ? OR PANEL? ? OR HOLDER? ? |
| S8 | 932638 | PERMANEN?? OR UNCHANGEABLE OR UNALTER? OR INALTER? OR INCINVERTIBLE OR IRREVERS?BLE OR NONREVERS?BLE OR FIXED |
| S9 | 1434219 | CHANGE? OR ALTER???? OR CONVERT? OR REVERS? |
| S10 | 4452 | IC=(G09F-007/02 OR B44C-001/16 OR B43L-001?) |
| S11 | 38028 | S1(2N)S6:S7 |
| S12 | 230096 | S6:S7(S)S8:S9 |
| S13 | 5306 | S11 AND S12 |
| S14 | 4 | S10 AND S13 |
| S15 | 64 | S4 AND S13 |
| S16 | 11 | S2:S3 AND S15 |
| S17 | 11 | S16 NOT S14 |
| S18 | 34178 | S6:S7(S)S4:S5 |
| S19 | 7563 | S18/TI |
| S20 | 32 | S13 AND S19 |
| S21 | 29 | S20 NOT (S14 OR S16) |
| S22 | 1438 | S8(1N)S1 |
| S23 | 160 | S13 AND S22 |
| S24 | 135 | S11(S)S22 |
| S25 | 5447 | S4:S5(2N)S6:S7 |
| S26 | 1 | S24(S)S25 |
| S27 | 2 | S24 AND S25 [duplicates] |
| S28 | 35 | S10 AND S11 |
| S29 | 31 | S28 NOT (S14 OR S16 OR S20 OR S27) |
| S30 | 475 | S25(S)S2:S3 |
| S31 | 88 | S10 AND S30 |
| S32 | 42 | S30/TI AND S31 |
| S33 | 42 | S32 NOT (S14 OR S16 OR S20 OR S27 OR S28) |
| S34 | 395 | S1 AND S25 |
| S35 | 28 | S10 AND S34 |
| S36 | 12 | S35 NOT (S32 OR S14 OR S16 OR S20 OR S27 OR S28) |

14/26, TI/3

DIALOG(R) File 350:Derwent WPIX
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007899880

WPI Acc No: 1989-164992/198922

Wall mountable dry wipe mounting board - has writing panel foldable
to display picture area on reverse

14/26, TI/4

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
007813957

WPI Acc No: 1989-079069/198911

Foldable paper information sheet - has covers with edges joined by alternating strips to display information when opened from either side

14/7, K/1

DIALOG(R) File 350:Derwent WPIX

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015981484 **Image available**

WPI Acc No: 2004-139334/200414

Signboard used in e.g. road, has coupling members which fix bent surface of board to frame, and frame and support to freely move track of frame

Patent Assignee: HOAN KOGYO KK (HOAN-N); OSHIMA DESIGN SEKKEI KK (OSHI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2004036116 | A | 20040205 | JP 2002191674 | A | 20020701 | 200414 B |

Priority Applications (No Type Date): JP 2002191674 A 20020701

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2004036116 A 9 E01F-009/00

Abstract (Basic): JP 2004036116 A

NOVELTY - A frame (2) and a support (4) are fixed with a coupling member (13), to freely move the track (8) of frame. The opposing side edge portions of a board (1) are bent to form a bent surface (9). A coupling member (23) fixes the bent surface of board to the frame.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a sign board manufacturing method.

USE - Used in e.g. road, public facility.

ADVANTAGE - Reduces manufacturing cost of signboard due to simplified manufacturing process. Ensures safety when installed in road, public facility.

DESCRIPTION OF DRAWING(S) - The figure shows the perspective diagram of a signboard. (Drawing includes non-English language text).

Board (1)

Frame (2)

Support (4)

Track (8)

Bent surface (9)

Coupling member (13,23)

pp; 9 DwgNo 1/6

Derwent Class: P85; Q41

International Patent Class (Main): E01F-009/00

International Patent Class (Additional): G09F-007/02 ; G09F-007/18;
G09F-013/16

14/7, K/2

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013743718 **Image available**

WPI Acc No: 2001-227947/200124

Chart comprises a chart surface and a holder for a paper block lying on the chart surface fixed near the upper edge of the chart surface using a sliding device so that its height can be adjusted relative to the upper edge of the chart

Patent Assignee: NEULAND GMBH KOMMUNIKATIONSSYSTEME (NEUL-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-----------------|------|----------|----------|
| DE 20021448 | U1 | 20010322 | DE 2000U2021448 | U | 20001219 | 200124 B |

Priority Applications (No Type Date): DE 2000U2021448 U 20001219

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-------------|------|--------|-------------|--------------|
| DE 20021448 | U1 | 13 | A47B-097/02 | |

Abstract (Basic): DE 20021448 U1

NOVELTY - Chart comprises a chart surface (1) and a **holder** (5) fixed near the upper edge of the chart surface for a paper block lying on the chart surface whose pages are folded over the **holder** to the back of the chart (flip chart). The **holder** is fixed to the chart using a sliding device (20) so that its height can be adjusted relative to the upper edge of the chart.

USE - For writing on.

ADVANTAGE - The bottom of the chart can be written on without holding the body in an uncomfortable position.

DESCRIPTION OF DRAWING(S) - The drawing shows the front view of a chart.

chart surface (1)
holder (5)
sliding device (20)
pp; 13 DwgNo 1/5

Derwent Class: P25; P77

International Patent Class (Main): A47B-097/02

International Patent Class (Additional): A47B-097/04; B43L-001/00

17/26, TI/3

DIALOG(R) File 350:Derwent WPIX

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011423626

WPI Acc No: 1997-401533/199737

Combined portable container and display stand for musical purposes - has elongated **sheet** of **rigid** material having planar section with intermediate **panel** in overlapping relationship with fasteners

17/26, TI/5

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

009967231

WPI Acc No: 1994-234944/199428

Music-teaching aid with movable notes - has permanently-lined **folding** flat **panel** onto which note-symbols of **flexible** material are mounted

17/26, TI/6

DIALOG(R) File 350:Derwent WPIX

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007346345

WPI Acc No: 1987-343351/198749

Business form used as circular letter - has name and address of recipient printed in **reverse** on inside of **transparent** section

17/26, TI/8

DIALOG(R) File 350:Derwent WPIX

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003801456

WPI Acc No: 1983-797697/198343

Photo-disc memory for heat-mode laser beam - comprising two **substrates**, at least one being **transparent** with heat-insulating fibrous organic material between them

17/26, TI/9

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
003801455

WPI Acc No: 1983-797696/198343

Photo-disc memory for heat-mode laser beam - comprising opposed **substrates** at least one being **transparent**, and heat-insulating layer of porous organic material between them

17/26, TI/10

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
003801454

WPI Acc No: 1983-797695/198343

Photo-disc memory for heat-mode laser beam recording - comprises at least two **substrates** facing each other, at least one of which is **transparent**, and granular powder heat insulating layer

17/26, TI/11

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
002339877

WPI Acc No: 1980-E6324C/198021

Portable filing system and record **holder** - has **folded** record **sheets** each with two portions clipped at outside edges in **transparent** gripper and enclosing **backing sheet**

17/19/2

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
012588189 **Image available**

WPI Acc No: 1999-394296/199933

XRPX Acc No: N99-294683

Picture frame for personalized photocalendar
Patent Assignee: REMEMBER WHEN INC (REME-N)

Inventor: BABCOCK J C

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5918394 | A | 19990706 | US 97876946 | A | 19970616 | 199933 B |

Priority Applications (No Type Date): US 97876946 A 19970616

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5918394 | A | 9 | G09D-003/04 | |

Abstract (Basic): US 5918394 A

NOVELTY - Frame **panel** with a window (40) is attached to a **backing panel** (24) with slits (34) at the **folding edge** (30). Base **panel** (28) is attached to the front **panel** at the **folding edge**. The edges of a **transparent cover sheet** (38) are **fixed** within the slits in the **backing panel**.

DETAILED DESCRIPTION - Pocket is accessed through a slot (52) provided in a pocket **panel** folded about **fold line** (58). Pages

(14) are affixed in foldable manner to the backing panel. Pages have a pocket section (16) with two pocket panels (54,56) separated by the fold line. An INDEPENDENT CLAIM is also included for the calendar.

USE - For personalized photocalendar.

ADVANTAGE - Provides backing panel for accommodating multiple photographs and frame panel with windows for displaying photographs. Enables to raise or emboss opaque areas of cover sheet to enhance the display of photographs. Provides pocket to allow storage of additional photographs or other matter such as address or date books. Provides attractive, inexpensive and easily constructed flat picture frame suitable for binding with calendar pages or other printed matter. Allows easy and rapid replacement of photograph with one or more alternate photographs. Provides inexpensive picture frame with far greater versatility. Enables to easily bind base panel with pages without interference from frame panel or backing panel. Enables to spiral bind calendar easily and removably by using coil. Enables to use coil for accommodating pens or other writing implements.

DESCRIPTION OF DRAWING(S) - The figure shows exploded perspective view of calendar.

Pages (14)
Pocket section (16)
Backing panel (24)
Base panel (28)
Folding edges (30,32)
Slit (34)
Transparent cover sheet (38)
Window (40)
Slot (52)
Pocket panels (54,56)
Fold line (58)
pp; 9 DwgNo 2/5

Derwent Class: P85

International Patent Class (Main): G09D-003/04

17/19/4

DIALOG(R) File 350:Derwent WPIX

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011293131 **Image available**

WPI Acc No: 1997-271036/199724

XRPX Acc No: N97-224691

File folder system for receiving erasable ink markings - has first and second folder members connected in manner to create storage space and second flexible transparent cover

Patent Assignee: ST ROMAIN J H (SROM-I)

Inventor: ST ROMAIN J H

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5626368 | A | 19970506 | US 96590582 | A | 19960124 | 199724 B |

Priority Applications (No Type Date): US 96590582 A 19960124

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5626368 | A | 5 | B42D-003/00 | |

Abstract (Basic): US 5626368 A

The system includes a file folder comprising a first and second folder member, which foldably connected in a manner to create a

storage space for paper records and the like between the first and second **folder** members. A labelling tab extends from a perimeter edge one of the first and second **folder** members having an ink receiving surface disposed on an area thereof that will receive a quantity of ink on in a semi- permanent fashion and which ink is removable by wiping the ink receiving surface.

The labelling tab may further include a **flexible**, **transparent** cover member that is normally disposed over the ink receiving surface to prevent inadvertent erasure of the labelling surface. The system may also include a conventional **erasable** ink pen. The **erasable** ink pen is preferably fitted with an **eraser** tip constructed or other suitable **erasing** material. In another aspect form the a notepad is provided on the interior surface of one of the first and second **folder** members comprising a second ink receiving surface area and a second **flexible**, **transparent** cover member normally disposed over the second ink receiving surface area.

ADVANTAGE - Is quickly and easily marked to indicate the records contained in the **folder**.

Dwg.1/3

Derwent Class: P76

International Patent Class (Main): B42D-003/00

17/19/7

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

007043276

WPI Acc No: 1987-043273/198706

XRPX Acc No: N87-033040

Combined form for visual matter, and mailing envelopes - has **transparent** plastics overlay **panel** for envelope and documentation **panels**

Patent Assignee: SKOBOS P G (SKOB-I)

Inventor: SKOKOS P G; SOBEL A A

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 4638940 | A | 19870127 | US 83469001 | A | 19830223 | 198706 B |

Priority Applications (No Type Date): US 83469001 A 19830223

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | | |
|------------|---|---|--|--|
| US 4638940 | A | 7 | | |
|------------|---|---|--|--|

Abstract (Basic): US 4638940 A

The business form combines the storage and organization of visual matter such as photographs or diagrams with corresponding written descriptions and two mailing envelopes formed from a single **sheet** folded to form three **panels**. The first **panel** has **see-through** plastics overlay attached to the underlying **sheet** with an adhesive, forming compartments initially sealed on three sides permitting insertion of the visual matter into the compartment and ultimately sealing of the fourth side by exposing an adhesive surface. On the reverse side of the first **panel** is an envelope face.

The second **panel** in both sides of the **sheet** provides space for written descriptions corresponding to the visual matter. The third detachable **panel** provides space for written directions on use of the form and on the reverse side an envelope face.

ADVANTAGE - Simplicity and ease of manufacture.

1/5

Derwent Class: Q32
International Patent Class (Additional): B65D-027/04

21/26, TI/1

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
016438889

WPI Acc No: 2004-596804/200458

Image conversion system for image from e.g. digital camera, has server to receive image **folder** from personal computer and **convert** image file in **folder**, into graphic format for **writing** to print image **folder** to be output to personal computer

21/26, TI/2

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
015414173

WPI Acc No: 2003-476313/200345

Recording **sheet** used for **writing** different matters accompanying trip, such as destination under travel, has **reverse** side on which entry space of matter accompanying travel is allocated for every compartment in state **sheet** is **folded**

21/26, TI/3

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
015237656

WPI Acc No: 2003-298582/200329

Holding apparatus for inter-connectable cards, has adhesive **fixed** to side **fold** such that **holder** is repeatedly **fixed** to and removable from either side of monitor while adhesive remains **fixed** to side **fold**

21/26, TI/6

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
014046307

WPI Acc No: 2001-530520/200159

Folder for **written** material has front and back cover joined by spine, with window in front, pocket and insertion pocket

21/26, TI/11

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
013601244

WPI Acc No: 2001-085451/200110

Sheet material **bending** method involves **repeating** pinching of conveying direction downstream side of **sheet** material with two pinching devices and **bending** of **sheet** material toward pinchers

21/26, TI/16

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
010734357

WPI Acc No: 1996-231312/199624

Folder for use with **writing** paper and windowed envelopes - is assembled from individual plastics **panels**, or may be injection moulded in one piece

21/26, TI/22
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
009432230
WPI Acc No: 1993-125746/199315
Reusable mailing envelope to return original mail - is made from blank
which has panels and flaps connected along fold lines and can be sealed

21/26, TI/25
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
003343874
WPI Acc No: 1982-K1894E/198231
Double folder for endless stationary - has hinged panel for use as
writing surface, swung alternately over two pockets

21/7, K/29
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
001797394
WPI Acc No: 1977-18360Y/197711
Folding, flexible, spacious exhibition system - comprises folding
display boards easily handled and capable of reuse many times

Patent Assignee: THURMER L (THUR-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|--------|------|
| DE 2539018 | A | 19770310 | | | 197711 | B |

Priority Applications (No Type Date): DE 2539018 A 19750830

Abstract (Basic): DE 2539018 A

Display board system esp. for use as flat surfaces carrying information, is comprised by a single, independently standing folding wall consisting of an assembly of seven large rectangular plats of light rigid material. Of these, three are as rigid support plates for the matter being exhibited, and these are joined down their long edges.

Two pairs of other boards are joined so as to fold down their long edges, and they are stamped or cut so as to form a folding groove down the centre of each folding board whilst secondary folding grooves run at 45 degrees from the corners to the centre line. One of each of the pairs of folding boards is glued to two of the support boards. The folding surfaces liited by the fold grooves are attached in such a way that the centre support board has a folding plate fixed on both its surfaces, whilst the outer plates each have only one plate. When the support boards are folded towards each other, the folding boards stretched between support boards move outwards along their centre lines whilst the triangular sections formed by the folding grooves move upwards/downwards and inwards.

The system is simple and easily erected and dismantled by unskilled labour so that it can be easily transported and protected against damage during transport for use over and over again. The outer boards can be fitted with shelves and covered with glass or transparent plastic material

Derwent Class: A97; P85

International Patent Class (Additional): G09F-001/06

29/26, TI/1
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
015555637
WPI Acc No: 2003-617792/200358
Foldable , portable writing board has four panels which can be folded in manner in which panel pairs contact each other to form stack of panels

29/26, TI/2
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
015457932
WPI Acc No: 2003-520074/200349
Holder for name tag, has pair of pockets formed by attaching pair of back sheets to back surface of transparent front sheet

29/26, TI/3
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
015176494
WPI Acc No: 2003-237024/200323
A rectangular clip board with paper folded over and secured by four small clips

29/26, TI/5
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
014006263
WPI Acc No: 2001-490477/200154
Portable set of two swivel mounted chalk boards secured in a standing position by two horizontally positioned boards

29/26, TI/6
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
013401479
WPI Acc No: 2000-573417/200054
Business card carrier has outer card carrying panels hinged to central panel to allow folding together

29/26, TI/7
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
012974990
WPI Acc No: 2000-146839/200013
Message display system for e.g. pricing information comprises a plastic sheet printed with pricing indicia foldable to show one numeral for placement within a hinged display jacket

29/26, TI/13
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
010638206
WPI Acc No: 1996-135159/199614

Foldable write-in table lamp for writing surface e.g. electronic blackboard -
has table lamp and **board** body divided at intermediate left or right position and
partial division and are connected at **bending** position through hinge

29/26, TI/20

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
003049580

WPI Acc No: 1981-E9611D/198122

Black **board** with **folding** support legs - is formed in two parts with
grooves in overlapping ends that fit together

29/26, TI/26

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
001285594

WPI Acc No: 1975-G9504W/197527

Erasable writing tablet with paraffinised **sheets** - **folder** has
self-adhesive regions to locate and hold **sheets**

29/7, K/4

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
014625859 **Image available**

WPI Acc No: 2002-446563/200248

Temporary multi-purpose road sign has series of **panels** attached to
folding support by ring which allows any one to be displayed

Patent Assignee: LARDY F (LARD-I)

Inventor: LARDY F

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|--------------|------|----------|----------|
| FR 2817645 | A1 | 20020607 | FR 200015639 | A | 20001201 | 200248 B |

Priority Applications (No Type Date): FR 200015639 A 20001201

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| FR 2817645 | A1 | 5 | G09F-007/02 | |

Abstract (Basic): FR 2817645 A1

NOVELTY - The temporary road sign consists of a **folding** support (1)
equipped with a series of different sign **panels** (2), attached to the
support by a ring (3) at the top which allows any one of the **panels** to
be displayed. Each of the **panels** has an index tab on its bottom edge
so it can be located quickly.

USE - Temporary road sign e.g. warning drivers of road works.

ADVANTAGE - The multi-purpose sign makes for reduced cost, weight
and storage space.

DESCRIPTION OF DRAWING(S) - The drawing shows a front view of the
temporary road sign.

Folding support (1)

Sign panels (2)

Ring (3)

pp; 5 DwgNo 1/2

Derwent Class: P85; Q41

International Patent Class (Main): G09F-007/02

International Patent Class (Additional): E01F-009/011

29/7, K/8

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
012418678 **Image available**
WPI Acc No: 1999-224786/199919

Portable white board - has bendable memo surface on which pen can write repeatedly and from which ink can be easily wiped off

Patent Assignee: DAISHOWA INSATSU SHIGYO KK (DAIS-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 11059065 | A | 19990302 | JP 97223383 | A | 19970820 | 199919 B |

Priority Applications (No Type Date): JP 97223383 A 19970820

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11059065 A 4 B43L-001/00

Abstract (Basic): JP 11059065 A

NOVELTY - The portable white board has a memo surface on which pen can write repeatedly. The ink on the memo surface can be wiped off easily. The portable white board can be bent and folded compactly.

DETAILED DESCRIPTION - The portable white board consists of a foldable sheet (1) on which the pen can write repeatedly and which is attached to a cover board (2).

USE - None given.

ADVANTAGE - Convenient to use due to its light weight and easy handling. DESCRIPTION OF DRAWING(S) - The figure shows the isometric view of the portable white board . (1) Foldable sheet ; (2) Cover board.

Dwg.1/4

Derwent Class: P77

International Patent Class (Main): B43L-001/00

29/7, K/10

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
011894286 **Image available**
WPI Acc No: 1998-311196/199827

Tool-kit for work-group discussion leaders and trainers - has portable foldable back- boards , plastic erasable, reusable recording sheets, at least one process display wallboard, and multiple coloured or imprinted cards that can removably cling to the sheets and wallboard

Patent Assignee: PALMER M M (PALM-I)

Inventor: PALMER M M

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5752837 | A | 19980519 | US 96686542 | A | 19960726 | 199827 B |
| | | | US 97838566 | A | 19970411 | |

Priority Applications (No Type Date): US 97838566 A 19970411; US 96686542 A 19960726

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5752837 A 10 B43L-001/00 CIP of application US 96686542

Abstract (Basic): US 5752837 A

The tool kit for discussion leaders comprises a minimum of one foldable backboard (5) having stiffening side members (11) and having

holes (7) to allow connecting with a top member of an easel. The **foldable backboard** has a surface that allows **erasable** marking and has holes (9) in it to allow insertion of pegboard hangers at a distance to allow use of a normal chart pad. Multiple plastic recording **sheets** are used, which have holes for hanging on the **pegboard** hangers and allow wall mounting with pins. The **sheets** have surfaces to allow wet and dry marking.

A minimum of one wall mountable process display **wallboard** is included which has surfaces to allow wet and dry marking with a **holder** for multiple markers mounted to the **display wallboard** and with a **display wallboard** having sufficient flexibility to be rolled for transport. The multiple coloured recording cards is included in each of several shapes selected from a group consisting of squares, rectangles, ovals, triangles, hexagonals, and diamond shapes and each having a static holding side to allow each to removably but firmly cling to said plastic recording **sheets** and said process display **wallboard**. Several coloured static holding plastic ribbons are included, each of which removably but firmly clings to the plastic recording **sheets**.

USE - By trainers and facilitators for discussion, training, brain-storming sessions e.t.c. in a group environment.

ADVANTAGE - Is easily transported, and **reusable**.

Dwg.2/11

Derwent Class: P77

International Patent Class (Main): B43L-001/00

29/7, K/11

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

011795949

WPI Acc No: 1998-212859/199819

Film and **sheet** for muffle painting - consists of a material formed by mixing a polyolefin based resin with olefin based thermoplastic elastomer

Patent Assignee: NIPPON SHASHIN INSATSU KK (NSHA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 10060128 | A | 19980303 | JP 96232472 | A | 19960813 | 199819 B |

Priority Applications (No Type Date): JP 96232472 A 19960813

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-------------|------|--------|-------------|--------------|
| JP 10060128 | A | 9 | C08J-005/18 | |

Abstract (Basic): JP 10060128 A

A film consists of a material formed by mixing a 100 pts.wt.-polyolefin-based resin with a 5-1000 pts.wt.-olefin-based thermoplastic elastomer.

Also claimed is a **sheet** for muffle painting comprising at least a patterned layer on the film.

USE - The film is used as a substitute for a vinyl chloride film.

ADVANTAGE - Burning the film evolves no environmental destruction materials or water contamination materials. The film has good flexibility, mechanical strength, elastic recovery, and enriched air shutoff. Even if no colouring agent is added to the film, the film has transparency and semitransparency. The film has superior heat resistance compared with a polypropylene film. The **sheet** has the properties afforded by the film and evolves no whitening even if the corner of the **sheet** is bent , and has good embossing, soft touch

feeling.

Dwg.0/4

Derwent Class: A17; A94; P73; P78
International Patent Class (Main): C08J-005/18
International Patent Class (Additional): B29C-045/14; B29C-047/00;
B29K-021-00; B29K-023-00; B29L-007-00; B29L-009-00; B32B-007/06;
B32B-007/10; B32B-027/32; B44C-001/16

29/7,K/12

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
010655117 **Image available**
WPI Acc No: 1996-152070/199616

Entry card with dispenser and insertion element - has insertion and cancellation elements detachable from each other, with cancellation element covering at least entire length or width of insertion element
Patent Assignee: WAW WORLD ART WATCH VERTRIEBS GMBH (WAWW-N)

Inventor: CHMIEL J

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| DE 4432171 | A1 | 19960314 | DE 4432171 | A | 19940909 | 199616 B |

Priority Applications (No Type Date): DE 4432171 A 19940909

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| DE 4432171 | A1 | 9 | B42D-015/10 | |

Abstract (Basic): DE 4432171 A

The entry card consists basically of an insertion element (2c) and a cancellation element (3c). The cancellation element should be detachable from the insertion element. It should be at least as wide and/or long as the insertion element, so that the cards can more easily be stacked flat in a dispenser.

The insertion element for such a card to be stored in this manner has a motif carrier, a counter-holder, a member connecting the two and a holding element, which locks the two elements when the counter-holder is folded behind the motif carrier.

USE/ADVANTAGE - Easier to display entry card with dispenser and insertion element.

Dwg.6/18

Derwent Class: P23; P24; P76; P85
International Patent Class (Main): B42D-015/10
International Patent Class (Additional): A44B-006/00; A45F-005/02;
B42F-005/00; B42F-021/00; G09F-003/18; G09F-003/20; G09F-007/02

29/7,K/17

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
010074409 **Image available**
WPI Acc No: 1994-342122/199442

Erasable sign structure - comprises upper sheet and base layer which are releasably adhesive together under pressure applied on upper sheet
Patent Assignee: RE-MARK-IT HOLDINGS LTD (REMA-N); RE-MARK-IT LTD (REMA-N);
BILBIE J J F (BILB-I); TIPPER R B (TIPP-I)

Inventor: BILBIE C J; TIPPER R B; BILBIE C J F; BILBIE J J F

Number of Countries: 054 Number of Patents: 010

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|-------------|------|----------|----------|
| WO 9424654 | A1 | 19941027 | WO 94NZ31 | A | 19940414 | 199442 B |
| AU 9465455 | A | 19941108 | AU 9465455 | A | 19940414 | 199507 |
| EP 734564 | A1 | 19961002 | EP 94913212 | A | 19940414 | 199644 |
| | | | WO 94NZ31 | A | 19940414 | |
| NZ 265114 | A | 19961029 | NZ 265114 | A | 19940414 | 199648 |
| | | | WO 94NZ31 | A | 19940414 | |
| JP 8509300 | W | 19961001 | JP 94523020 | A | 19940414 | 199705 |
| | | | WO 94NZ31 | A | 19940414 | |
| EP 734564 | A4 | 19970507 | EP 94913212 | A | | 199737 |
| CN 1125992 | A | 19960703 | CN 94192082 | A | 19940414 | 199748 |
| US 5855083 | A | 19990105 | WO 94NZ31 | A | 19940414 | 199909 |
| | | | US 96537732 | A | 19960307 | |
| JP 3345647 | B2 | 20021118 | JP 94523020 | A | 19940414 | 200279 |
| | | | WO 94NZ31 | A | 19940414 | |
| US 20030093933 | A1 | 20030522 | WO 94NZ31 | A | 19940414 | 200336 |
| | | | US 96537732 | A | 19960307 | |
| | | | US 98204667 | A | 19981202 | |

Priority Applications (No Type Date): NZ 250608 A 19931223; NZ 247404 A 19930414; NZ 247918 A 19930617

Cited Patents: EP 387138; US 4025674; US 4180929; US 4940690; US 5139572; No-Citns.

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9424654 A1 E 38 G09F-003/02

Designated States (National): AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KG KP KR KZ LK LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

AU 9465455 A G09F-003/02 Based on patent WO 9424654

EP 734564 A1 E 1 G09F-003/02 Based on patent WO 9424654

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

NZ 265114 A G09F-003/02 Based on patent WO 9424654

JP 8509300 W 28 G09F-003/02 Based on patent WO 9424654

EP 734564 A4 G09F-003/02

CN 1125992 A G09F-003/02

US 5855083 A G09F-019/00 Based on patent WO 9424654

JP 3345647 B2 11 G09F-003/02 Previous Publ. patent JP 8509300

Based on patent WO 9424654

US 20030093933 A1 G09F-019/00 Div ex application WO 94NZ31

Div ex application US 96537732

Div ex patent US 5855083

Abstract (Basic): WO 9424654 A

The sign comprises a base layer comprising a contrasting icon or indicia in or below the base layer and an upper sheet extending over the base layer. The upper sheet and the base layer are releasably adhesive together under pressure applied on the upper sheet.

The base layer icon or indicia is visible through the upper sheet when the upper sheet is caused to releasably adhere to the base layer and is substantially less visible when the upper sheet is released from the base layer.

USE - Can be applied directly and permanently to an item during mfr. such as the cover of a folder, phone card, a ruler etc.

Derwent Class: P76; P77; P85; T03; W04
International Patent Class (Main): G09F-003/02; G09F-019/00
International Patent Class (Additional): B42D-015/10; B43L-001/12 ;
G09F-003/10

29/7, K/18

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
009377238 **Image available**
WPI Acc No: 1993-070716/199309

Electronic blackboard unit preventing plotting sheet fall off when folding - has exterior case divided into several hinged portions so blackboard unit can be folded with plotting sheet attached NoAbstract

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 5016589 | A | 19930126 | JP 91168151 | A | 19910709 | 199309 B |

Priority Applications (No Type Date): JP 91168151 A 19910709

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 5016589 A 6 B43L-001/04

Abstract (Basic): JP 5016589 A

Dwg.7/14

Derwent Class: P77; W02; W04

International Patent Class (Main): B43L-001/04

International Patent Class (Additional): H04N-001/00

NoAbstract

29/7, K/19

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
009118168 **Image available**

WPI Acc No: 1992-245605/199230

Foldable electronic print board for copying and recording information handwritten on writing sheet - has hinged cases housing writing sheet and printer located at geometric centre of print board preventing board casing from folding

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)

Inventor: NAKAYAMA T; YAMASHITA A

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 4164697 | A | 19920610 | JP 90292300 | A | 19901029 | 199230 B |
| US 5146345 | A | 19920908 | US 91784535 | A | 19911029 | 199239 |

Priority Applications (No Type Date): JP 90292300 A 19901029

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 4164697 A 5 B43L-001/04
US 5146345 A 8 H04N-001/10

Abstract (Basic): JP 4164697 A

The print board comprises a writing sheet for bearing handwritten information. The writing sheet is housed in a board casing which is foldable about an axis located substantially at a centre of the writing sheet. A reader is disposed in the board casing for reading the handwritten information on the writing sheet.

A printer prints the information read by the reader on printing paper. The printer is mounted on the **board** casing across the axis while the **board** casing is being **unfolded**, to prevent the **board** casing from being **folded**.

USE/ADVANTAGE - Copies and records, on recording paper, various patterns of information, including handwritten letters, numerals, images. Folds about central axis and has centre of gravity near control axis so **board** remains stable. Retained in **unfolded** condition by functional component of **board**. (First major country equivalent to JP4164697)

US 5146345 A

The print **board** comprises a **writing sheet** for bearing handwritten information. The **writing sheet** is housed in a **board** casing which is **foldable** about an axis located substantially at a centre of the **writing sheet**. A reader is disposed in the **board** casing for reading the handwritten information on the **writing sheet**.

A printer prints the information read by the reader on printing paper. The printer is mounted on the **board** casing across the axis while the **board** casing is being **unfolded**, to prevent the **board** casing from being **folded**.

USE/ADVANTAGE - Copies and records, on recording paper, various patterns of information, including handwritten letters, numerals, images. Folds about central axis and has centre of gravity near control axis so **board** remains stable. Retained in **unfolded** condition by functional component of **board**. (First major country equivalent to JP4164697)

Dwg.2/9

Derwent Class: P77; W02; W04

International Patent Class (Main): B43L-001/04 ; H04N-001/10

International Patent Class (Additional): H04N-001/00

29/7, K/22

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

002200624

WPI Acc No: 1979-010486/197914

Foldable advertising panel

Patent Assignee: ZELINA P (ZELI-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|--------|------|
| CS 7801772 | A | 19790131 | | | 197914 | B |

Priority Applications (No Type Date): CS 781772 A 19780321

Derwent Class: P85

International Patent Class (Additional): G09F-007/02 ; G09F-015/00

29/7, K/23

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

002176277

WPI Acc No: 1979-K6227B/197946

Notice **board** with plastics coated **sheet** metal surface - has **folded** over edges to retain lightweight reinforcing **board**

Patent Assignee: EURINBEL SA (EURI-N); EURNBEL SA (EURU-N)

Number of Countries: 005 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|----------|-------------|------|--------|------|
| BE 877634 | A | 19791105 | | | 197946 | B |
| EP 22761 | A | 19810121 | | | 198105 | |

Priority Applications (No Type Date): BE 877634 A 19790711; BE 196250 A 19790711

Cited Patents: DE 1761536; DE 449563; DE 562100; US 3634960

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
| EP 22761 | A | F | | |

Designated States (Regional): DE FR GB NL

Abstract (Basic): BE 877634 A

The notice board or blackboard is made from a metal sheet (1) which has one surface (R) coated with plastics. Two opposite edges (2, 3) of the sheet are folded inwards to form longitudinal recesses. A board of lightweight material and of the same size as the folded metal sheet is pushed endwise into these recesses.

This lightweight board is then retained by U section members fitted over each end of the composite board. Larger boards can be made by joining several of these boards edge to edge with a special joint between abutting edges

Derwent Class: P77; P85

International Patent Class (Additional): B43L-001/04 ; G09F-007/00;
G09F-015/00

29/7, K/25

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001324727

WPI Acc No: 1975-L8652W/197544

Folding cover for erasable writing tablet - blank folds into three panels and end panel has flaps forming pocket

Patent Assignee: BENEDETTI J (BENE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|--------|------|
| FR 2257436 | A | 19750912 | | | 197544 | B |

Priority Applications (No Type Date): FR 742157 A 19740116

Abstract (Basic): FR 2257436 A

An erasable writing tablet is enclosed in a cover made from a blank which can fold up into three portions, the first portion (1) having a flap (8, 9) each side and an end flap (5) with an ear (6, 7) projecting top and bottom, the second portion (2) having an area (12) for the parrafin treated sheet, located by guide lines (13, 14) and secured by an adhesive strip (15), the third portion forming a cover after folding. A set of writing sheets is placed on the central area (4) of the first portion and the flaps folded over to form a pocket, when the protection sheet and writing sheets have been inserted and attached to the second portion after folding.

Derwent Class: P77

International Patent Class (Additional): B43L-001/12

29/7, K/27

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001255912

WPI Acc No: 1975-D9727W/197515

Emergency aid for motorists - comprises portable "stop" sign for requesting help with breakdowns etc.

Patent Assignee: V J O ANDERSSON (ANDE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|--------|------|
| GB 1389968 | A | 19750409 | | | 197515 | B |

Priority Applications (No Type Date): GB 7350195 A 19731029

Abstract (Basic): GB 1389968 A

As well as requesting other motorists to stop, the sign includes a **transparent** window or pocket in which further information can be displaced. This is provided on a set of slips or cards which can be inserted in the pocket as required to indicate the kind of help needed, e.g. petrol, first air or breakdown assistance. The flag includes a sheet of **flexible** material such as polyvinyl chloride. The upper transverse end of the sheet is folded around a wooden or plastics rod to give the sheet stability.

Derwent Class: P85

International Patent Class (Additional): G09F-007/02

29/7, K/28

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001239760

WPI Acc No: 1975-C3548W/197509

Writing tablet using waxed sheets - protective folder made from simple blank with fold-over tabs

Patent Assignee: J BENEDETTI (BENE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|--------|------|
| FR 2228628 | A | 19750110 | | | 197509 | B |

Priority Applications (No Type Date): FR 7318019 A 19730509; FR 7335268 A 19730927; FR 7339454 A 19731031

Abstract (Basic): FR 2228628 A

A writing tablet using waxed sheets, is made from a blank consisting of a strip which folds into three, the first portion (4) carrying tabs (5, 6, 7) which fold over to protect the writing sheets, the second portion (2) carrying the waxed sheets (10) and the third portion (3) forming a cover. In an alternative design, the blank is L-shaped. The side tabs are adhesively secured to form a pocket for the sheets, and the end tab folds over to retain them. The device is intended to protect the sheets and retain them so that they are not creased.

Derwent Class: P76; P77

International Patent Class (Additional): B42D-003/12; B43L-001/12

29/7, K/29

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001239326

WPI Acc No: 1975-C3114W/197509

Erasable writing panel - has frame made from single sheet folded into three with centre stamped out

Patent Assignee: J P VERIHAC (VERI-I)

Number of Countries: 003 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|------|----------|
| DE 2339753 | A | 19750220 | | | | 197509 B |
| NL 7311231 | A | 19750218 | | | | 197510 |
| CH 582075 | A | 19761130 | | | | 197652 |

Priority Applications (No Type Date): DE 2339753 A 19730806

Abstract (Basic): DE 2339753 A

The panel has a writing surface enclosed in a frame, and is particularly for attachment to calendars, note pads etc. The frame is formed from a single sheet of material, folded along two lines into three panels of roughly the same size the middle one having an opening stamped out of it to leave merely a frame, over which the two side panels fold. Outwards-protruding adhesive strips are provided along the exposed outer edges of the frame, and are folded over after insertion of an erasable writing surface between a paraffined sheet and a protective sheet glued to the free end of one of the end panels.

Derwent Class: P76; P77

International Patent Class (Additional): B42D-013/00; B43L-001/00

29/7, K/31

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001052858

WPI Acc No: 1974-E8968V/197427

Writing tablet with erasable writing surface - folder has pockets for accessories including note pad

Patent Assignee: J BENEDETTE (BENE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|------|----------|
| FR 2201188 | A | 19740531 | | | | 197427 B |

Priority Applications (No Type Date): FR 7236046 A 19721002; FR 7226271 A 19720713

Derwent Class: P77

International Patent Class (Additional): B43L-001/00

33/26, TI/1

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016291476

WPI Acc No: 2004-449371/200442

Erasable graphic panel for writing or drawing, has slider formed on substrate with dark substrate, in which slider has lifting blade extended under translucent film and movable across substrate to lift film and erase visible trace on film

33/26, TI/2

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016157609

WPI Acc No: 2004-315496/200429

Dry erase article, e.g. white board, has non-elastic flexible sheet with first surface, first coating layer with minimal effect on the flexibility of the sheet, and writing surface for receiving dry erase marker ink

33/26, TI/4

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
013857740
WPI Acc No: 2001-341953/200136
Whiteboard for writing on in non permanent marker pen, has writing surface formed by enamelled glass panel bonded to rigid substrate

33/26, TI/5
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
012186133
WPI Acc No: 1998-603046/199851
Writing board used in managing warehouse - has transparent cover which is attached with adhesive tape to board main body and is opened when changing storage data written on blocks

33/26, TI/6
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
011990636
WPI Acc No: 1998-407546/199835
Write-in board for displaying message bulletin - in which portion of wiring sheet forming each writing surface is exchangeable with another transparent sheet

33/26, TI/8
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
011828305
WPI Acc No: 1998-245215/199822
Flexible white writing board - has base on which electron beam cured resin coating layer consisting of unsaturated organic compound, is formed with predetermined pencil hardness and wetting index

33/26, TI/9
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
011368573
WPI Acc No: 1997-346480/199732
Writing board used for repeated writing and erasing without using ink or carbon sheets - has upper sheet and lower semi-transparent sheet which are formed as endless belts under writing window

33/26, TI/11
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
010852696
WPI Acc No: 1996-349649/199635
Erasing writing sheet for e.g. whiteboard and repeated use of felt-tip pen - comprises coating contg. radiation cured resin, silicone resin and polyolefin resin on transparent paper, allowing ease of writing and erasure

33/26, TI/12
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
010596430

WPI Acc No: 1996-093383/199610

Writing board e.g. schedule board - has opaque sheet on back side of writing sheet and transparent sheet on top of writing sheet

33/26, TI/13

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.
010319115

WPI Acc No: 1995-220378/199529

Weather chart board giving easy writing and erasing - has stack of backboard, magnetic metallic plate with centre fixed to backboard, resin film with printed columns, and transparent film for plotting erasable patterns by turns

33/26, TI/14

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.
010134996

WPI Acc No: 1995-036247/199505

Portable flexible white board - has housing provided with roller around which flexible sheet forming writing surface is wound

33/26, TI/15

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.
009992413

WPI Acc No: 1994-260124/199432

Image transfer sheet for hand-written image - comprises strippable sheet which is delaminated, and adhesive layer, which is exposed, in order, on transparent sheet

33/26, TI/18

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.
009324526

WPI Acc No: 1993-017990/199302

Erasable and rewritable label - uses base layer and translucent upper sheet which adheres to base layer at localised regions under pressure caused when writing on upper sheet

33/26, TI/19

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.
008907878

WPI Acc No: 1992-035147/199205

Reusable transfer sheet for surface protection - is prep'd. by laminating transparent hard coat layer and light sensitive crosslinking adhesive to film base material using light irradiation

33/26, TI/20

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.
008777904

WPI Acc No: 1991-281921/199139

Dual colour permanent magnet writing board - includes transparent display board, back fixed board, fixed and movable magnetic pillars, side frame and coloured filling lig. NoAbstract

33/26, TI/21
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
008680453
WPI Acc No: 1991-184473/199125
Chalk free **writing board** - magnetic stylus draws steel ball held between two meshes across inner wall of **transparent** enclosure filled with powder

33/26, TI/22
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
008633978
WPI Acc No: 1991-138008/199119
Electronic blackboard - uses display panel covered with **transparent erasable hand-writing sheet** NoAbstract Dwg 1/3

33/26, TI/23
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
008611061
WPI Acc No: 1991-115091/199116
Writing board mfr. - by laminating subliming printing ink printed paper on **clear** polyurethane paint coated iron plate, etc. (J6 8.11.85)

33/26, TI/25
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
008432685
WPI Acc No: 1990-319685/199042
Educational **writing board** kit - has waxed surface **writing pad** with hook and loop fastener on **translucent sheet** for pull-away **erasing** of practice templates

33/26, TI/26
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
008412218
WPI Acc No: 1990-299219/199040
Erasable writing board - comprises luminescent particles embedded in polymer layer between base layer and **transparent** cover

33/26, TI/27
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
008245170
WPI Acc No: 1990-132171/199017
Reusable facsimile message board - uses **transparent detail sheet** over referenced back **board**

33/26, TI/28
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
008099250
WPI Acc No: 1989-364362/198950

Dust-less writing board - has paste-like material, sandwiched between transparent film and backing, and displaced by ball tip writing instrument
NoAbstract

33/26, TI/29
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
007618241

WPI Acc No: 1988-252173/198836
Writing board with internal illumination for night use - has box containing batteries, lamp and switch, provided with translucent top which illuminates paper from below when used as writing surface

33/26, TI/31
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
007190932
WPI Acc No: 1987-187941/198727

Crack resistant flexible writing board - has cured resin membrane formed using unsatd. cycloacetal-contg. compsn

33/26, TI/33
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
007104141
WPI Acc No: 1987-104138/198715
Flexible sheet material for hand writing with white board marker - comprises reaction prod. of methyl type silane coupling agent and hardening agent as protective layer on base sheet

33/26, TI/35
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
003694179
WPI Acc No: 1983-54160K/198323
Writing board for shop price lists etc. - is of flexible plastics esp. PVC foil with pref. polyacrylic resin lacquer

33/26, TI/36
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
003502365
WPI Acc No: 1982-50338E/198225
Pin-up and graph etc. display panel - has foam plastic board with writing surface and transparent slide with adjustable swivel ruler

33/26, TI/37
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
003428688
WPI Acc No: 1982-002746/198210
Erasable writing tablet prodn. - by applying wax-based fatty semi-adhesive on cardboard and applying transparent paper, PVC foil and semi-washable paper

33/26, TI/38
DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

003200318

WPI Acc No: 1981-60870D/198134

Cleanable writing tablet - comprises plastic sheet with grained surface, on rigid support with intervening pocket

33/26, TI/39

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

002556254

WPI Acc No: 1980-74277C/198042

Writing board prodn. - by coating surface with unsatd. polyester resin contg. catalyst, promoter and forming transparent amino-alkyd resin on this surface

33/26, TI/41

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001458950

WPI Acc No: 1976-C1843X/197610

Erasable writing pad with paraffinised sheets - automatically erases writing as sheet is withdrawn from transparent envelope

33/26, TI/42

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001100955

WPI Acc No: 1974-J7334V/197443

Novelty writing tablet with hidden erasing strip - uses ethylene polyterephthalate transparent sheet for improved performance

33/7, K/7

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

011910500 **Image available**

WPI Acc No: 1998-327410/199829

Media board for displaying information recorded from documents used in conferences, lectures - has transparent pocket which holds document removably in position serving as writing surface for writing sheet

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 10119482 | A | 19980512 | JP 96279409 | A | 19961022 | 199829 B |

Priority Applications (No Type Date): JP 96279409 A 19961022

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | | |
|-------------|---|---|-------------|--|
| JP 10119482 | A | 4 | B43L-001/04 | |
|-------------|---|---|-------------|--|

Abstract (Basic): JP 10119482 A

The board includes a transparent pocket (21), which holds an inserted written document (23) removably. The pocket is provided in a position which serves as writing surface. A predetermined matter already recorded in the document is written down on the writing surface as per requirement.

A writing sheet (5) which is rollably supported forms a writing surface. The writing sheet on which an information is written down, is rolled for reading.

ADVANTAGE - Enables easy and safe display of predetermined contents of documents on writing surface.

Dwg.1/3

Derwent Class: P77

International Patent Class (Main): B43L-001/04

33/7, K/10

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

010963517 **Image available**

WPI Acc No: 1996-460466/199646

Erasable sheet-like white board e.g. memo-board - prep'd. by forming first and second coating layer on one side of flexible sheet of varying flexibility

Patent Assignee: OJI PAPER CO (OJIP)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 8230390 | A | 19960910 | JP 9538409 | A | 19950227 | 199646 B |

Priority Applications (No Type Date): JP 9538409 A 19950227

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | | |
|------------|---|---|-------------|--|
| JP 8230390 | A | 8 | B43L-001/04 | |
|------------|---|---|-------------|--|

Abstract (Basic): JP 8230390 A

The method involves forming a first coating layer (12) and a second coating layer (7) on one side of a flexible sheet (11) followed by stiffening using a pair of electron beam radiation appts (6,14).

The first coating layer has 20% or more by weight of unsaturated organic compound which has 1-3 acrylate radicals. The second coating layer has 50% or more by weight of unsaturated organic compound which has three or more acrylate radicals.

ADVANTAGE - The white board has good flexibility, and provides good erasure and scratch resistance.

Dwg.1/2

Derwent Class: A84; P77

International Patent Class (Main): B43L-001/04

33/7, K/16

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

009401485

WPI Acc No: 1993-094995/199312

Transparent document holder, e.g with printed letterhead for facsimile transmission - has transparent upper sheet with standard imprint, and opaque lower sheet to allow erasable marking of top sheet prior to transmission

Patent Assignee: KARCZEWSKI K (KARC-I)

Inventor: KARCZEWSKI K

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| DE 4130803 | A1 | 19930318 | DE 4130803 | A | 19910916 | 199312 B |

Priority Applications (No Type Date): DE 4130803 A 19910916

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | | |
|------------|----|---|-------------|--|
| DE 4130803 | A1 | 4 | B43M-017/00 | |
|------------|----|---|-------------|--|

Abstract (Basic): DE 4130803 A

The document holder is in the form of a rectangular pocket, and

assembled from two **sheets** of plastic film. The upper **sheet** is **transparent** except for opaque marks with which a standard imprint on an original document can be simulated.

The lower **sheet** is opaque, and when an original is inserted into the document **holder**, the **transparent** top **sheet** can be written on by hand, using a special pen. The document **holder** can then be used for transmission of a document with accompanying standard imprint.

ADVANTAGE - Simpler, faster and cheaper copying is possible without using high quality letterhead **sheets**, and mistakes can be wiped away on top foil.

Dwg.0/0

Derwent Class: P76; P77; P82; P83; P84; S06

International Patent Class (Main): B43M-017/00

International Patent Class (Additional): B42D-012/00; B43L-001/12 ;
G03B-027/62; G03C-005/08; G03G-015/04; H04N-001/387

33/7, K/17

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

009342020

WPI Acc No: 1993-035483/199304

Erasable marker board - has frame with **rigid** elongate members and resilient snap-fit corner pieces

Patent Assignee: ROBERTSON C D (ROBE-I)

Inventor: ROBERTSON C D

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5176522 | A | 19930105 | US 92868976 | A | 19920416 | 199304 B |

Priority Applications (No Type Date): US 92868976 A 19920416

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5176522 | A | 10 | B43L-001/00 | |

Abstract (Basic): US 5176522 A

Erasable marker board comprises a **panel** portion (26) held in a **rigid** frame of top, bottom and side sections (32,34,35 and 40) joined by L-shaped resilient corner pieces (50). The corners have a base (55) and outwardly projecting ledge (57) to mate with the bottom which is tray-shaped (43).

The base also has upstanding walls forming a channel (64) forming offset snap walls (70,71) for joining to the sides. Pref. the top and side are of J-shape extrusions and the **panel** is of fibre **board** spray coated with polyurethane.

ADVANTAGE - Easy to hang and transport, and has smooth corners.

Dwg.6/17

Derwent Class: A84; P77

International Patent Class (Main): B43L-001/00

International Patent Class (Additional): B43L-023/00

33/7, K/24

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

008579096

WPI Acc No: 1991-083128/199112

Writing board for advertising, etc. - has **transparent writing layer** on **transparent** plastic **substrate** and **transparent** printable layer on other side

Patent Assignee: DYNIC CORP (DYNI)
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 3027990 A 19910206 JP 89162540 A 19890627 199112 B
Priority Applications (No Type Date): JP 89162540 A 19890627

Abstract (Basic): JP 3027990 A

Writing board has (A) transparent writing layer on one side of a transparent plastic substrate and (B) transparent printable layer on the other side of the substrate. Writing board has (A) transparent writing layer on one side of a transparent plastic substrate and (B) transparent printable layer having printed image on the other side of the substrate. Writing board has transparent writing layer on one side of a transparent plastic substrate and printed image on the other side of the substrate. Pref. plastic substrate has adhesive layer comprising polyester, urethane, siloxane or acrylic paint on printed image side of the substrate.

USE/ADVANTAGE - The writing board is used for score boards, education material, message boards, etc. It has improved writing property. (4pp Dwg.No.0/5

Derwent Class: A28; A94; P77; P85

International Patent Class (Additional): B43L-001/10 ; G09F-007/00

33/7, K/30

DIALOG(R)File 350:Derwent WPIX

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007567694 **Image available**

WPI Acc No: 1988-201626/198829

Electronic blackboard - has transparent sheet for writing and white sheet for project, provided at rear side of transparent sheet
NoAbstract Dwg 1/4

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 63138861 A 19880610 JP 86285576 A 19861129 198829 B
Priority Applications (No Type Date): JP 86285576 A 19861129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 63138861 A 15

Derwent Class: P77; W02; W04

International Patent Class (Additional): B43L-001/04 ; H04N-001/00

33/7, K/32

DIALOG(R)File 350:Derwent WPIX

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007112945

WPI Acc No: 1987-112942/198716

Electronic blackboard with copier - has optional format papers behind transparent or semitransparent writing surface panel for data input
NoAbstract Dwg 6/6

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 62059099 A 19870314 JP 85198663 A 19850910 198716 B

Priority Applications (No Type Date): JP 85198663 A 19850910

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 62059099 A 5

Derwent Class: P77; P84; S06; W02; W04

International Patent Class (Additional): B43L-001/04 ; G03G-015/22;
H04N-001/04

33/7, K/34

DIALOG(R) File 350:Derwent WPIX

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004435776

WPI Acc No: 1985-262654/198542

Card game carrier and board - comprises wedge-shape core, with cards held under transparent sheet for erasable marking

Patent Assignee: KILMONIS P P (KILM-I)

Inventor: KILMONIS P P

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|------|-------------|------|------|------|
|-----------|------|------|-------------|------|------|------|

| | | | | | | |
|------------|---|----------|-------------|---|----------|----------|
| US 4544158 | A | 19851001 | US 84604732 | A | 19840427 | 198542 B |
|------------|---|----------|-------------|---|----------|----------|

| | | | | | | |
|------------|---|----------|------------|---|----------|--------|
| GB 2180766 | A | 19870408 | GB 8523926 | A | 19850927 | 198714 |
|------------|---|----------|------------|---|----------|--------|

Priority Applications (No Type Date): US 84604732 A 19840427; GB 8523926 A
19850927

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 4544158 A 4

Abstract (Basic): US 4544158 A

Top and bottom core surfaces are at an acute angle, diverging from a relatively narrow front edge to a relatively wider rear edge. A flexible cover is permanently secured to the front edge and temporarily securable to the rear edge to selectively cover or uncover the top surface. A flexible member on the top surface under the cover and secured to the front edge and extending to the rear edge, the flexible member providing a support for throw-away game sheets.

A transparent sheet is provided under the flexible member, with a forming an access to the space under the transparent sheet to insert game sheets so that they are visible through the sheet. The game cards under the transparent sheet are supported in close proximity with an erasable marker to mark the transparent sheet to indicate items on the game cards.

USE - Card game transport, storage and playing device e.g. for

Bingo. 1/4

Derwent Class: P36; P77

International Patent Class (Additional): A63F-001/10; A63F-003/06; B43L-001/00

33/7, K/40

DIALOG(R) File 350:Derwent WPIX

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001689389

WPI Acc No: 1977-C5868Y/197713

Writing and drawing board cover - has flat transparent sections joined together forming recess for board insertion

Patent Assignee: NEUMANN H (NEUM-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Serial 10/003561

November 30, 2004

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|--------|------|
| DE 2542068 | A | 19770324 | | | 197713 | B |

Priority Applications (No Type Date): DE 2542068 A 19750920

Abstract (Basic): DE 2542068 A

The writing and drawing board cover is for use as a writing aid by children starting school. It has two flat sections (2, 3) fitting exactly against each other and glued or welded together, forming a recess into which the board is thrust.

The printing on the board can be seen and followed through the transparent plastic material used. Lines for writing or squares for sums can be provided on the back of the board. A kink can be formed, typically by heat treatment, in the two sections along one side, so as to grip the board between them.

Derwent Class: P77; Q34

International Patent Class (Additional): B43L-001/00 ; B65D-081/36

36/26, TI/5

DIALOG(R) File 350:Derwent WPIX

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012711239

WPI Acc No: 1999-517350/199943

Pressure sensitive reusable writing board , with locking function to allow written message to be preserved during transport and handling

36/26, TI/6

DIALOG(R) File 350:Derwent WPIX

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012145357

WPI Acc No: 1998-562269/199848

Writing board assembly for use in dark environment - has battery and light emission circuit, which are integrally formed on substrate

36/26, TI/8

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

010573119

WPI Acc No: 1996-070072/199608

Board with concave writing surface - made from metal sheet on supporting structure, with surface treated for writing upon and being fixed to wall

36/7, K/1

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016420565 **Image available**

WPI Acc No: 2004-578478/200456

Information board for memoranda is for fixture on wall surface and incorporates units for permanent and provisional memoranda together with arrangement for support of writing instrument

Patent Assignee: REXONIC AB (REXO-N)

Inventor: SUNDLOEF C

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|-------------|------|----------|----------|
| SE 200100718 | A | 20020903 | SE 2001718 | A | 20010302 | 200456 B |
| SE 519271 | C2 | 20030211 | SE 2001718 | A | 20010302 | 200456 |

Serial 10/003561

November 30, 2004

Priority Applications (No Type Date): SE 20010718 A 20010302

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

SE 200100718 A 1 B43L-001/00

SE 519271 C2 B43L-001/00

Abstract (Basic): SE 200100718 A

NOVELTY - The information **board** (1) for memoranda is for fixture on a wall surface and incorporates units for **permanent** and provisional memoranda together with an arrangement for support of a **writing** instrument (3). It comprises a flat plate (2) preferably of plastic, one edge of which has a **bent** part which forms a location (4) for the **writing** instrument. It has devices which allow a customary **writing** pad (8) to be supported and maintained.

USE - For fixture to a wall surface for holding **permanent** and provisional memoranda.

ADVANTAGE - The **board** allows **permanent** and provisional memoranda and notices to be prepared and available for reading.

DESCRIPTION OF DRAWING(S) - The three part figure displays individually the information **board**, the **writing** instrument and the **writing** pad.

- information **board** (1)
- flat plate (2)
- writing** instrument (3)
- location for **writing** instrument (4)
- writing** pad (8)
- pp; 1 DwgNo 1/1

Derwent Class: P76; P77

International Patent Class (Main): B43L-001/00

International Patent Class (Additional): B42D-017/00

36/7, K/2

DIALOG(R) File 350:Derwent WPIX

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015992130 **Image available**

WPI Acc No: 2004-149980/200415

Electronic blackboard has back **panel** used as base of **writing** surface, which is **folded** by **bending** odd times in counter direction each time
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2004034493 | A | 20040205 | JP 2002194312 | A | 20020703 | 200415 B |

Priority Applications (No Type Date): JP 2002194312 A 20020703

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2004034493 A 12 B43L-001/04

Abstract (Basic): JP 2004034493 A

NOVELTY - The **board** has a back **panel** (90) that is **folded** by **bending** odd times in counter direction each time, and used as base of **writing** surface (10). The rollers attached to both ends of the **panel** and rotated by a winding unit driver, support a **sheet** having **writing** surfaces. A feed-rate control unit feeds the **sheet** at **fixed** speed, and a processor processes the image data read from the **sheet** by a reader (400).

USE - Electronic blackboard.

ADVANTAGE - Provides a simple and compact electronic blackboard.

DESCRIPTION OF DRAWING(S) - The figure shows the perspective view of **board** surface of the electronic blackboard.

writing surface (10)
back panel (90)
back panel connection portion (100)
exterior portion (200)
reader (400)
pp; 12 DwgNo 1/10

Derwent Class: P77; W02; W04

International Patent Class (Main): B43L-001/04

36/7, K/9

DIALOG(R) File 350:Derwent WPIX

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009846793 **Image available**

WPI Acc No: 1994-126649/199415

Portable electronic blackboard - reads writing written on **sheet** fitted to blackboard frame and electronically copies it to recording medium

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)

Inventor: EGASHIRA Y; FUKUDA I; HISASUE K

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---|------|----------|-------------|------|----------|----------|
| US 5305114 | A | 19940419 | US 92907563 | A | 19920702 | 199415 B |
| Priority Applications (No Type Date): JP 91247566 A 19910926; JP 91172360 A | | | | | | |
| 19910712; JP 91U54223 U 19910712; JP 91U54224 U 19910712 | | | | | | |

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5305114 | A | 20 | H04N-001/23 | |

Abstract (Basic): US 5305114 A

The blackboard has a copier and a framework extending horizontally and having a writing surface on which a writing sheet is to be mounted. The framework can be folded about the centreline in the length of the writing surface so that the writing sheet is inside the framework. Parts of the copier appts. is used to read writing on the writing sheet .

The framework is supported by a support which is reducible in size in response to the length of the framework when folded . The support includes a leg including opposite standing portions and a crossbar assembly extending between them. The crossbar can be extended and contracted. Preferably, the copier has an operator panel and a paper outlet which directs paper copies of the blackboard contents into a tray.

USE/ADVANTAGE - Small, foldable appts. therefore easy to transport. Notes or minutes production.

Dwg.2,3/11

Derwent Class: P25; P77; Q68; W02; W04

International Patent Class (Main): H04N-001/23

International Patent Class (Additional): A47B-097/08; B43L-001/08 ;
F16M-011/26; F16M-011/38

36/7, K/10

DIALOG(R) File 350:Derwent WPIX

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009377239 **Image available**

WPI Acc No: 1993-070717/199309

Electronic blackboard unit - enables case divided into hinged portions to fold so that plotting surface of writing sheet is inside

NoAbstract

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 5016590 | A | 19930126 | JP 91168152 | A | 19910709 | 199309 B |

Priority Applications (No Type Date): JP 91168152 A 19910709

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 5016590 A 6 B43L-001/04

Abstract (Basic): JP 5016590 A

Dwg.2/12

Derwent Class: P77; W02; W04

International Patent Class (Main): B43L-001/04

International Patent Class (Additional): H04N-001/00

36/7, K/12

DIALOG(R) File 350:Derwent WPIX

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001747781

WPI Acc No: 1977-J4284Y/197741

Reusable writing board mfr. - uses one printing operation for background and for face which is folded to protect plastics work sheet cover

Patent Assignee: BOURSAW T P (BOUR-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|--------|------|
| US 4051609 | A | 19771004 | | | 197741 | B |

Priority Applications (No Type Date): US 76708276 A 19760723

Abstract (Basic): US 4051609 A

The reusable writing board avoids use of the usual separate black-cardboard piece stapled to a backing. In a single printing operation, the "slate" or background surface is provided on the same piece of paperboard. After further machine steps, a final operation of gluing and folding produces the finished slate board with a decoratively printed head panel glued to extend down protectively over the top edge of the plastics work sheet covering the printed background.

If desired, an air pocket can be formed under the head fold such that after writing by impressions through the work sheet, a sudden slap on the cover of the air pocket will raise the work sheet pneumatically to erase the writing.

Derwent Class: P77

International Patent Class (Additional): B43L-001/12